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USAFETAC/DS-78/008

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USAFETAC
Air Weather Service (MAC)

LEVEL II

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SOESTERBERG N.
N 52 8 E 5 16 FLD ELEV 56 FT ENSB WBAN#
WMO # 06265

PARTS A, C-F

FOR FROM HOURLY OBS: DEC 67 - NOV 77

JUL 13 1978

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ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)		REPORT PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM	
1. REPORT NUMBER USAFETAC/DS-78/008		2. GOVT ACCESSION NO.		3. RECIPIENT'S CATALOG NUMBER	
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO) - Soesterberg, Netherlands		5. TYPE OF REPORT & PERIOD COVERED Final rept. (1)		6. PERFORMING ORG. REPORT NUMBER	
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)		9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225	
10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS		11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB, IL 62225		12. REPORT DATE 13 Jul 78	
13. NUMBER OF PAGES 374p.		14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) UNCLASSIFIED	
15a. DECLASSIFICATION/DOWNGRADING SCHEDULE		16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		ACCESSION for NTIS White Section <input checked="" type="checkbox"/> DOC Buff Section <input type="checkbox"/> UNANNOUNCED <input type="checkbox"/> JUSTIFICATION _____ BY _____ DISTRIBUTION/AVAILABILITY CODES Dist. Avail and/or SPECIAL A	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		18. SUPPLEMENTARY NOTES		19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Relative humidity *Climatological data Snowfall Daily temperature Atmospheric pressure Climatology Extreme snow depth Extreme surface winds *Netherlands Sea-level pressure Psychrometric summary Surface winds Extreme temperature **Soesterberg, Netherlands (over)	
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This six-part statistical summary of surface weather observations for Soesterberg, Netherlands contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface Winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb, and dew-point temperatures, and relative (over)					

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19. Ceiling versus visibility
Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

20. humidity); and (F) Pressure Summary (means, standard deviations, observation counts of station pressure and sea-level pressure). Data in report are presented in tabular form, in most cases in percentage frequency^s occurrence or cumulative percentage frequency of occurrence tables.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE ~~SEA~~ NOT AVAILABLE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

78 11 28 08

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	IMO NUMBER
	SOESTERBERG, NETHERLANDS	N 52 08	E 005 16	56 ft.	EHSB	06265

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
	N/A								

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
		N/A				

USAFETAC

FORM NOV 73

O-19 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

U S AIR FORCE
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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		16.5	.5	2.1		18.5	48.2	2.8			51.0	813
	03-05		15.6	.5	1.4		17.5	48.2	2.2			50.5	765
	06-08		14.0	.4	1.4		15.5	50.4	1.5			52.0	791
	09-11		14.9	.1	1.3		16.3	50.5	2.9			53.4	756
	12-14		15.2	.3	2.8		18.3	39.7	8.0			47.7	778
	15-17		14.1	.3	3.0		17.0	36.1	10.3			46.4	759
	18-20		13.5	.2	2.1		15.1	43.3	7.2			50.5	622
	21-23		16.6		2.2		18.4	42.4	5.8			48.2	776
TOTALS			15.1	.3	2.0		17.1	44.9	5.1			50.0	6260

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.1	11.1	.1	4.4		15.0	49.1	2.4			51.5	749
	03-05		10.4	.5	2.1		12.9	55.0	1.6			56.7	729
	06-08		13.0	.4	2.8		16.0	55.4	.8			56.2	746
	09-11		9.9	.1	3.0		12.8	43.4	6.8			50.2	705
	12-14		8.0		4.0		11.5	29.1	18.9			48.0	742
	15-17		10.1		3.		13.0	20.3	20.0			40.3	710
	18-20		12.0		4.9		16.2	35.6	12.0		.1	47.7	753
	21-23	.1	12.7		3.6	.1	15.7	43.9	4.7		.1	48.7	725
TOTALS		.0	10.9	.1	3.5	.0	14.1	41.5	8.4		.0	49.9	5859

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265
STATION

SJESTERBERG NL
STATION NAME

8-77
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		11.8	.4	2.7		14.3	41.4	5.4			46.8	838
	03-05		12.4	.1	2.2		14.2	48.9	2.3			51.2	812
	06-08		11.3		2.8		13.5	53.8	2.7			56.5	816
	09-11		12.7		3.2		14.8	32.4	15.4			47.8	778
	12-14		9.4		2.9		12.3	10.8	28.8			39.6	805
	15-17		9.7		2.2		11.9	8.4	26.9			35.3	770
	18-20		13.4		2.0		14.6	14.7	22.2			36.5	801
	21-23		12.5	.1	1.2		13.6	29.8	9.9			39.6	810
TOTALS			11.7	.1	2.4		13.7	30.0	14.2			44.2	6430

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265
STATION

SUESTERBERG NL
STATION NAME

58-77
YEARS

Apr
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		12.1		.8	.1	12.8	24.7	4.0			28.7	795
	03-05		10.2		.8		10.7	40.0	3.3			43.4	782
	06-08		10.1		1.4		11.2	39.4	4.9			44.3	795
	09-11		13.7		1.0		14.5	13.3	16.5			29.8	765
	12-14	.1	14.1		2.0	.1	15.4	4.9	17.0			21.9	790
	15-17	.1	12.2		1.5		13.0	3.9	14.5			18.4	745
	18-20		10.0		.9		10.7	7.0	12.4			19.5	812
	21-23	.3	10.5		.6		11.1	16.4	7.5			23.9	787
TOTALS		.1	11.6		1.1	.0	12.4	18.7	10.0			28.7	6271

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.7	9.2				9.2	33.0	4.0			37.0	867
	03-05	.1	8.6				8.8	45.9	2.0			48.8	821
	06-08	.7	13.9				13.9	38.9	6.9			45.8	855
	09-11	.4	12.3				12.3	12.9	20.9			33.8	798
	12-14	.1	11.4				11.4	3.2	17.7			21.0	835
	15-17	1.0	8.9				8.9	2.3	13.6			15.9	787
	18-20	.7	9.2				9.2	4.4	13.3		.1	17.9	834
	21-23	.9	9.6				9.6	19.3	8.7			28.0	792
TOTALS		.6	10.4				10.4	20.0	11.0		.0	31.0	6589

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.8	6.3				6.3	34.2	3.3			37.4	767
	03-05		7.5				7.5	47.3	3.1			50.4	732
	06-08		6.2				8.2	36.3	9.2		.1	45.6	772
	09-11	.3	9.5				9.6	8.9	23.1			32.0	727
	12-14	.4	10.6				10.6	2.9	17.6			20.6	754
	15-17	.7	10.1				10.1	2.1	15.1			17.2	704
	18-20	.5	9.4				9.4	3.7	13.2			16.9	757
	21-23	.3	7.2				7.2	20.0	10.1			30.1	721
TOTALS		.4	.6				8.6	19.4	11.8		.0	31.3	5934

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265
STATION

SOESTERBERG NL
STATION NAME

8-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.6	9.7				9.7	30.8	2.3			33.1	828
	03-05	.4	8.5				8.5	44.8	1.2			45.9	764
	06-08	.1	10.6				10.6	36.9	5.3			42.2	815
	09-11	.1	10.9				10.9	11.9	17.2		.1	29.2	749
	12-14	.2	9.9				9.9	3.4	15.6			19.0	821
	15-17	.5	10.8				10.8	2.8	14.1		.1	17.0	752
	18-20		8.0				8.0	5.0	13.8			18.8	821
	21-23	.5	7.4				7.4	16.7	6.9			23.6	755
TOTALS		.3	9.5				9.5	19.0	9.6		.0	28.6	6305

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265 SUESTERBERG NL

68-77

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.6	5.7				5.7	38.5	1.5			40.0	859
	03-05	.5	7.7				7.7	53.0	1.0			54.0	819
	06-08	.5	7.7				7.7	50.8	3.0			53.7	845
	09-11	.7	7.1				7.1	13.9	25.7			39.6	801
	12-14	.5	8.1				8.1	4.1	24.1			28.2	831
	15-17	1.8	9.5			.1	9.7	2.0	18.6			20.6	796
	18-20	1.1	7.0				7.0	7.2	14.7			21.8	852
	21-23	1.5	8.8				8.8	23.0	6.4			29.5	807
TOTALS		.9	7.7			.0	7.7	24.1	11.9			35.9	6610

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.1	8.5				8.5	44.3	1.6			45.9	828
	03-05		9.4				9.4	49.3	1.9			51.2	785
	06-08		8.7				8.7	55.4	1.5			56.8	820
	09-11		9.2				9.2	26.2	12.1			38.1	763
	12-14		7.8				7.8	7.2	25.3			32.5	807
	15-17	.3	9.3				9.3	4.1	23.1			27.2	765
	18-20	.4	8.0				8.0	19.5	13.8			33.4	809
	21-23	.1	8.2				8.2	36.5	4.1			40.6	780
TOTALS		.1	8.6				8.6	30.3	10.4			40.7	6357

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		10.7				10.7	54.6	1.4			56.0	839
	03-05	.1	10.8		.3		10.9	59.5	.6			60.2	758
	06-08		10.9		.2		11.0	59.5	1.1			60.6	838
	09-11		11.6		.1		11.6	41.1	10.2			51.3	766
	12-14	.2	9.4			.1	9.6	18.5	25.5			44.0	827
	15-17		10.4		.3		10.6	14.2	24.1			38.3	780
	18-20	.2	9.4			.1	9.5	41.6	7.2			48.8	830
	21-23	.1	11.5				11.5	46.5	3.3			49.8	785
TOTALS		.1	10.6		.1	.0	10.7	41.9	9.2			51.1	6453

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.1	19.0		1.0	.1	20.0	34.0	1.5			35.5	805
	03-05		16.2		1.2		17.2	38.4	.5			38.9	778
	06-08		16.9		1.6		17.8	38.4	1.6			40.0	792
	09-11	.1	16.4		1.5	.1	17.5	35.3	3.5			38.8	739
	12-14	.1	13.5		1.0	.1	14.5	26.5	9.3		.1	35.9	788
	15-17	.1	17.0		1.1	.1	17.9	24.1	7.0			31.1	730
	18-20		20.2		.9		20.9	29.1	2.5			31.6	791
	21-23		19.9		.5		20.4	31.4	2.3			33.7	739
TOTALS		.1	17.4		1.1	.1	18.3	32.2	3.5		.0	35.7	6162

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265
STATION

SOESTERBERG NL
STATION NAME

67-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		12.6	.4	3.2		16.0	50.8	1.1			52.0	783
	03-05		11.8	.4	3.2		15.0	51.7	1.3			53.0	753
	06-08		13.5	.6	2.0	.2	15.9	49.8	1.9		.2	51.9	807
	09-11		12.7	.3	2.9		15.5	45.7	3.3			49.1	750
	12-14		14.8	.4	3.1		17.6	36.4	6.9			43.2	784
	15-17		15.4	.8	3.7		18.4	35.6	7.9			43.4	751
	18-20	.1	14.3	1.0	3.3	.1	18.0	41.1	3.2			44.3	778
	21-23		12.2	.7	2.4		15.0	46.9	1.4		.1	48.5	761
TOTALS		.0	13.4	.6	3.0	.0	16.4	44.8	3.4		.0	48.2	6167

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

06265

SUES TERBERG NL

67-77

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		15.1	.3	2.0		17.1	44.9	5.1			50.0	6260
FEB		.0	10.9	.1	3.5	.0	14.1	41.5	8.4		.0	49.9	5859
MAR			11.7	.1	2.4		13.7	30.0	14.2			44.2	6430
APR		.1	11.6		1.1	.0	12.4	18.7	10.0			28.7	6271
MAY		.6	10.4				10.4	20.0	11.0		.0	31.0	6589
JUN		.4	8.6				8.6	19.4	11.8		.0	31.3	5934
JUL		.3	9.5				9.5	19.0	9.6		.0	28.6	6305
AUG		.9	7.7			.0	7.7	24.1	11.9			35.9	6610
SEP		.1	8.6				8.6	30.3	10.4			40.7	6357
UCT		.1	10.6		.1	.0	10.7	41.9	9.2			51.1	6453
NOV		.1	17.4		1.1	.1	18.3	32.2	3.5		.0	35.7	6162
DEC		.0	13.4	.6	3.0	.0	16.4	44.8	3.4		.0	48.2	6167
TOTALS		.2	11.3	.1	1.1	.0	12.3	30.6	9.0		.0	39.6	75397

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

* Values for means and standard deviations do not include measurements from incomplete months.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2		.2	.1								.6	6.8
NNE	.4	.1	.7	.1								1.4	6.6
NE	.4	.6	.4	.2								1.6	6.2
ENE	1.0	.7	.1	.7								2.6	6.7
E	2.1	1.9	1.5	1.0	.1							6.6	6.2
ESE	1.7	1.4	1.4	.6								5.1	6.0
SE	2.1	2.1	2.6	1.0								7.8	6.4
SSE	2.4	3.7	2.9	.2								9.2	5.7
S	2.9	4.2	5.0	2.2								14.4	6.9
SSW	1.4	2.6	3.6	1.5	.2							9.3	7.4
SW	.7	2.2	4.5	2.6	.4	.7	.1					11.3	10.1
WSW	.2	1.2	1.1	3.3	.7	.1	.1	.1				7.1	12.1
W	.4	.6	1.9	3.5	.9	.5	.1					7.8	12.6
WNW	.2	.4	.7	.1	.5	.1						2.1	11.3
NW	.2	.1	.2	.7	.7							2.1	12.4
NNW	.4	.2	.5	.1								1.2	6.8
VARBL	4.1											4.1	1.5
CALM												5.8	
	20.8	22.3	27.3	18.2	3.6	1.5	.4	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

807

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265 SUESTERBERG NL 68-77 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0300-0500
HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.1	.5	.3								1.2	7.7
NNE	.4	.3	.4									1.1	5.6
NE	.8	1.1	.7	.1								2.6	5.4
ENE	.3	.5	.1	.5	.1							1.6	9.0
E	1.4	2.4	1.6	1.4								6.8	7.1
ESE	1.2	1.7	.5	.4								3.8	5.5
SE	2.0	2.8	2.1	1.1								7.9	6.1
SSE	2.5	3.7	2.4	1.3								9.9	6.0
S	2.2	5.8	6.1	2.2								16.2	7.0
SSW	.9	2.2	4.3	.4	.1							8.0	7.1
SW	.3	1.6	3.6	2.0	.5	.5						8.4	10.3
WSW	.3	.8	2.1	3.3	.5	.3						7.2	11.4
W	.3	.9	2.2	2.9	.8	.4	.4					7.9	12.6
WNW	.3	.7	.8	.7	.5							2.9	10.2
NW		.5	.8	.8	.7		.1					2.9	12.8
NNW	.1	.3	.4	.2								1.1	7.8
VARBL	4.9											4.9	1.4
CALM												5.5	
	18.0	25.3	28.6	17.6	3.3	1.2	.5					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 760

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SNESTERBERG NL
STATION NAME

68-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3		.4	.4								1.0	8.5
NNE	.4	.3	.1	.1								.9	5.3
NE	.4	1.0	.8	.4								2.5	6.8
ENE	.4	.6	.1	.6	.3							2.0	9.1
E	2.0	.9	.9	1.6								5.4	6.9
ESE	1.5	1.1	1.8	.3								4.7	5.7
SE	1.8	2.5	2.0	.5								6.8	5.8
SSE	3.5	3.9	3.3	1.5								12.3	6.0
S	2.7	4.3	5.9	2.7								15.6	7.2
SSW	.5	2.8	3.3	1.3	.1							8.0	7.6
SW	.5	2.5	2.7	2.0	.8	.1						8.6	9.2
WSW	.6	.9	2.4	2.4	1.0	.1						7.5	10.9
W	.6	1.3	2.4	2.5	1.0							7.8	10.4
WNW	.3	.9	1.1	1.8	.3		.4					4.7	11.6
NW	.4	.6	.6	1.1			.1					2.9	9.7
NNW		.1	.4	.3								.8	9.0
VARBL	4.3											4.3	1.4
CALM												4.2	
	20.1	23.8	28.2	19.5	3.4	.2	.5					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

790

3
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION SOESTERBERG NL STATION NAME 68-77 YEARS JAN MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.3	.3								.9	8.0
NNE		.3	.3	.5								1.1	10.8
NE	.5	1.2	.8	.3								2.8	6.5
ENE	.8	.8	.5	.3	.3							2.7	7.1
E	2.0	1.9	1.1	.8	.1							5.9	6.0
ESE	.7	1.9	1.7									4.3	5.9
SE	2.1	1.9	2.5	.8								7.3	6.0
SSE	1.9	2.5	3.6	2.1								10.1	7.4
S	2.8	5.1	4.0	5.2								17.0	7.7
SSW	.9	3.2	4.0	1.7								9.8	7.6
SW	.7	1.3	3.2	2.9	.8							8.9	9.8
WSW	.3	1.3	2.2	3.2	.3	.3						7.6	10.7
W	.4	1.6	2.8	3.1	.5	.1	.1					8.4	10.4
WNW	.3	.7	.9	1.7	.8	.4						4.8	12.7
NW	.1	.5	.7	.3								1.6	7.0
NNW		.1	.4	.1								.7	8.6
VARBL	2.7											2.7	1.6
CALM												3.3	
	16.2	24.5	29.0	23.3	2.8	.5	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 752

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SDESTERBERG NL
STATION NAME

68-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.3	.4	.1								1.0	6.5
NNE		.4		.3								.6	8.8
NE	.4	.3	.1	.6								1.4	7.9
ENE	.5	.8	.9	.3								2.4	6.7
E	1.2	1.2	.9	1.4	.3							4.9	8.0
ESE	.6	1.0	4.0	.4								6.0	7.2
SE	.9	1.7	3.1	.9								6.6	7.3
SSE	1.3	2.1	3.0	1.4								7.7	7.2
S	2.2	4.6	6.0	4.4	.3							17.5	7.9
SSW	.9	1.0	3.3	2.2	.3							7.7	9.1
SW	1.4	1.2	4.0	3.6	.9	.4						11.5	10.2
WSW	.5	.1	2.8	3.5	.5	.4						7.9	11.7
W	.3	.6	2.6	3.5	1.3	.5						8.9	12.6
WNW	.3	.6	1.9	2.6	.8	.5						6.7	12.2
NW	.1	.5	1.3	.6	.3							2.8	9.5
NNW	.6	.4	.5									1.5	5.4
VARBL	3.2											3.2	1.8
CALM												1.5	
	14.7	16.9	34.9	25.7	4.5	1.8						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

777

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 06265 SUESTERBERG NL 68-77 JAN
STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLAS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.1	.4									2.2	4.6
NNE	.4	.4	.3	.1								1.2	5.8
NE	.7	.9	.5	1.1	.4							3.6	8.7
ENE	.5	.8	.4	.1	.1							2.0	6.5
E	1.5	2.8	2.0	.9								7.1	6.6
ESE	1.1	2.2	1.6	.2								5.1	5.7
SE	1.2	1.8	2.1	1.2								6.3	7.0
SSE	2.2	1.6	3.2	1.5								8.4	6.8
S	2.5	4.6	5.1	2.9								15.2	7.1
SSW	1.2	1.5	3.8	1.8	.3							8.6	8.4
SW	.1	1.2	4.0	3.0	.4	.1						8.8	10.3
WSW	.8	1.2	2.1	2.4	1.1	.5	.1					8.2	11.4
W	.1	1.1	4.2	3.8	1.5	.3						10.9	11.7
WNW	.3	.3	2.5	.8	.8	.4						5.0	11.7
NW	.3	.3	.7	.5	.1							1.8	9.1
NNW	.4	.4	.5	.1								1.5	6.3
VARBL	1.7											1.7	1.5
CALM												2.2	
	15.7	22.0	33.4	20.6	4.6	1.3	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 758

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265 STATION SOESTERBERG NL 68-77 YEARS JAN MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.4									1.1	5.2
NNE	.4	.9	.7									1.9	5.4
NE	.5	.5	1.0	1.0								2.9	8.3
ENE	.4	.4	.2	.5	.2							1.7	9.4
E	1.5	2.9	1.3	.9								6.6	6.0
ESE	1.2	3.0	1.5	.4								6.1	5.4
SE	1.5	2.2	2.9	.6	.1							7.3	6.6
SSE	2.3	2.1	3.4	1.1								8.9	6.5
S	2.6	3.6	5.1	1.9								13.3	6.7
SSW	1.2	1.8	4.5	1.8	.4	.1						9.9	8.4
SW	.6	2.3	3.4	2.9	.4							9.6	8.9
WSW	1.2	1.3	1.9	3.5	.6	.1						8.8	10.2
W	.2	.7	2.4	2.1	1.3	.5						7.3	11.9
WNW	.4	.5	1.6	.6	.2	.2						3.5	9.9
NW	.6	.4	.6	.1	.2	.2						2.2	9.3
NNW	.7	.2	.4	.2								1.6	6.2
VARBL	2.9											2.9	1.5
CALM												4.5	
	18.4	23.4	31.4	17.6	3.5	1.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 822

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 06265 STATION NAME SUESTERBERG NL YEARS 68-77 MONTH JAN
ALL WEATHER
CLAS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.3									.5	5.2
NNE	.1	.3	.6	.3								1.3	8.4
NE	.9	.4	1.3	.3								2.8	6.3
ENE	.1	.4	.4	.8								1.7	9.5
E	.8	2.7	1.5	.9	.1							6.1	7.0
ESE	2.4	1.8	.9	.4								5.5	4.7
SE	.9	3.9	2.7	.6								8.1	6.3
SSE	2.1	2.4	1.7	.6								6.8	5.4
S	2.1	5.4	6.6	2.8	.1							17.0	7.3
SSW	1.3	2.3	2.3	1.8	.1	.3						8.1	8.0
SW	.6	2.3	3.1	4.0	1.0	.1						11.2	10.1
WSW	1.0	1.2	2.6	3.6	.3	.3						8.9	10.1
W	.5	1.3	1.5	1.4	1.4	.4						6.6	11.3
WNW	.1	1.0	.8	.8		.1						2.8	9.0
NW	.1	.1	.1	.4	.5	.1						1.4	13.8
NNW	.1		.4									.5	6.8
VARBL	4.4											4.4	1.6
CALM												6.2	
	17.8	25.6	26.8	18.7	3.6	1.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 776

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NL

STATION NAME

68-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.4	.1								1.1	6.4
NNE	.3	.4	.4	.2								1.2	6.9
NE	.6	.7	.7	.5	.0							2.5	7.1
ENE	.5	.6	.4	.5	.1							2.1	7.8
E	1.6	2.1	1.3	1.1	.1							6.2	6.7
ESE	1.3	1.8	1.7	.3								5.1	5.8
SE	1.6	2.4	2.5	.8	.0							7.3	6.4
SSE	2.3	2.8	2.9	1.2								9.2	6.4
S	2.5	4.7	5.5	3.0	.0							15.7	7.3
SSW	1.0	2.2	3.7	1.6	.2	.0						8.7	7.9
SW	.6	1.8	3.5	2.9	.6	.3	.0					9.8	9.8
WSW	.6	1.0	2.2	3.2	.6	.3	.0	.0				7.9	11.0
W	.4	1.0	2.5	2.8	1.1	.3	.1					8.2	11.7
WNW	.3	.6	1.3	1.1	.5	.2	.0					4.1	11.3
NW	.2	.4	.6	.6	.3	.0	.0					2.2	10.5
NNW	.3	.2	.4	.1								1.1	6.8
VARBL	3.5											3.5	1.5
CALM												4.2	
	17.8	23.0	29.9	20.1	3.7	1.2	.2	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

6242

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION SUESTERBERG NL 68-77 YEARS FEB MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	.5	.4	.1							2.7	6.7
NNE	.8	1.6	2.0	1.5	.1							6.0	8.1
NE	.8	2.3	2.9	1.2								7.2	7.5
ENE	.3	2.0	3.5	.3								6.0	6.9
E	.9	1.7	3.5	1.5								7.6	7.8
ESE	1.3	1.9	.9									4.1	4.5
SE	2.8	.9	1.7									5.5	4.7
SSE	2.5	1.7	3.2	.2								7.9	5.6
S	1.2	1.2	2.7	.5								5.6	6.7
SSW	.8	2.7	3.9	1.1								8.4	7.2
SW	.1	2.0	2.4	1.5	.4							6.4	8.8
WSW	.4	1.6	1.1	3.2	1.1							7.3	10.6
W	.7	1.9	1.6	1.2	.3	.3						5.9	8.6
WNW	1.2	1.3	.8	.7	.3							4.4	7.1
NW	.7	.5	.5		.1							1.9	5.3
NNW	.1	.3	.5	.4								1.3	8.0
VARBL	4.5											4.5	1.5
CALM												7.2	
	19.8	24.8	31.9	13.6	2.4	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 749

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG NL

STATION NAME

68-77

YEARS

FEB

MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (C.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.5	1.1	.4	.3							3.4	7.9
NNE	.6	1.2	1.5	1.2	.1							4.7	8.2
NE	1.2	2.2	2.8	1.0								7.2	6.8
ENE	.3	1.0	2.6	.8								4.7	3.3
E	1.2	2.5	2.9	1.1								7.7	6.7
ESE	2.1	1.7	1.5									5.2	4.9
SE	2.1	1.7	2.1	.1								5.9	5.3
SSE	2.1	1.9	1.9	1.0								6.9	6.0
S	1.8	2.8	2.1	.7								7.3	6.1
SSW	.3	2.3	3.2	.4								6.2	7.3
SW	.6	2.2	4.1	3.6	.3							10.7	9.3
WSW	.8	1.4	1.9	2.9	.4							7.4	9.6
W	1.0	2.1	1.2	.7	.1	.1						5.2	7.2
WNW	.4	.6	1.0	1.2								3.2	9.2
NW	.4	.8										1.2	3.9
NNW	.3	.3	.1	.1	.1							1.0	7.4
VARBL	4.5											4.5	1.6
CALM												7.4	
	19.7	26.0	30.0	15.3	1.4	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 726

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 06265 SUESTERBERG MI 64-77 FEB
STATION NAME YEARS MONTH
CLASS ALL WEATHER HOURS (L.E.T.) 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.1	1.5	.9	.1							4.0	8.3
NNE	.7	1.9	1.1	1.3								5.0	7.9
NE	.5	2.7	2.4	.3								5.9	6.5
ENE	.4	1.3	1.6	1.5								4.9	8.3
E	1.2	2.2	3.2	1.1								7.7	7.2
ESE	.7	1.3	2.3									4.3	6.0
SE	1.6	2.2	1.6	.3								5.7	5.7
SSE	1.6	3.0	.8	.8								6.2	5.3
S	2.2	2.3	2.6	1.3								8.4	6.5
SSW	1.9	2.2	3.9	.1								8.1	6.0
SW	.3	1.9	3.6	2.6	.1							8.5	9.1
WSW	.7	1.1	1.3	2.3	.1							5.5	9.3
W	1.6	2.3	2.2	1.5	.3							7.8	7.4
WNW	1.1	1.1	.8	.4								3.4	5.9
NW	.4	1.1	.3		.1							1.9	5.6
NNW	.1	.3	.5									.9	5.7
VARBL	3.8											3.8	1.4
CALM												8.0	
	19.4	27.5	29.8	14.4	.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 741

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 06265 STATION NAME SOESTERBERG NL YEARS 68-77 MONTH FEB
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	.6	1.1								3.0	8.3
NNE	.6	1.0	2.9	1.0	.1							5.6	8.2
NE	.1	1.7	1.9	1.6	.1							5.4	8.5
ENE	.1	1.4	2.6	1.3								5.4	8.4
E	.4	2.7	3.3	1.6								8.0	7.6
ESE	.6	.7	1.0	.6								2.9	7.0
SE	1.1	1.6	2.3	.7								5.7	6.8
SSE	2.3	3.6	2.0	1.1								9.0	5.9
S	2.7	3.4	2.3	1.7	.1							10.3	6.3
SSW	.9	2.1	2.0	.4								5.4	6.4
SW	1.1	1.9	4.7	3.4								11.2	8.8
WSW	.6	1.1	1.6	2.3	.4							6.0	9.6
W	.7	2.3	1.7	2.9	.6	.1						8.3	9.6
WNW	.6	1.0	1.0	.3	.1							3.0	6.8
NW	.1	.1	.4	.7								1.4	9.5
NNW	.7	.4	.9	.4								2.4	6.8
VARBL	3.1											3.1	1.4
CALM												3.7	
	16.2	26.2	31.0	21.2	1.6	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 699

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5	2.2	1.2	.3							4.7	9.2
NNE		.4	3.7	2.3								6.4	9.9
NE	.3	.5	2.0	2.6	.3							5.7	10.3
ENE	.3	.5	2.7	1.6								5.1	9.2
E	.5	1.2	5.4	2.0	.1							9.3	8.6
ESE	.5	.7	2.2	.4								3.9	7.4
SE	.1	.5	2.2	.1								3.1	7.7
SSE	.3	1.9	3.5	.9								6.6	7.6
S	1.2	3.0	3.9	2.6								10.7	7.7
SSW	.5	2.4	2.8	1.9	.1							7.8	8.0
SW	.8	1.9	3.0	2.0	.2							8.0	8.2
WSW		1.9	2.8	3.5	.9	.1						9.3	11.0
W	.4	1.6	1.8	2.7	2.4	.3						9.2	12.1
WNW	.3	1.1	1.4	.5	.1	.1						3.5	8.9
NW		.3	.7	.9	.1							2.0	10.2
NNW	.1	.4	1.2	.5	.1							2.4	9.3
VARBL	1.5											1.5	1.6
CALM												.5	
	7.3	18.9	41.8	26.1	4.9	.5						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 739

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (C.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	2.0	2.0								5.1	9.4
NNE	.3	1.0	3.8	1.6	.1							6.8	9.0
NE	.7	.8	3.7	2.8								8.0	9.3
ENE	.7	.7	.8	1.3	.1							3.7	8.6
E	.1	1.6	3.9	2.1	.1							7.9	9.1
ESE	.4	1.1	1.7	.1								3.4	6.8
SE	.1	1.3	2.4	1.0								4.8	8.0
SSE	.6	2.0	3.9	.6								7.1	7.1
S	1.7	4.1	2.1	2.2								10.2	6.9
SSW	1.4	2.3	2.7	.8	.1							7.3	6.7
SW	.3	1.1	2.4	2.2	.4							6.8	9.7
WSW	.1	.8	2.7	3.2	1.0	.4						8.3	11.9
W	.6	1.1	2.3	3.7	1.3	.3						9.2	11.8
WNW	.7	1.0	2.0	1.0	.4							5.1	8.7
NW	.1	.1	.8	.7	.3							2.1	10.7
NNW	.3	1.1	.7	.4	.3							2.8	8.2
VARBL	1.1											1.1	1.9
CALM												.4	
	9.4	21.2	37.9	26.1	4.2	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 709

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	2.3	5.7								5.3	6.9
NNE	.3	2.1	3.1	2.0								7.4	8.3
NE	.4	2.3	3.2	1.3								7.2	7.8
ENE	.3	.5	1.9	1.2	.1							4.0	9.3
E	1.1	2.5	3.1	1.7	.1							8.5	7.6
ESE	1.1	.8	.9									2.8	5.1
SE	2.1	2.5	1.7	.1								6.5	5.0
SSE	3.2	2.1	2.3	.5								8.1	5.4
S	1.9	2.0	1.1	2.1								7.0	7.0
SSW	1.1	1.5	2.0	1.1	.1							5.7	7.4
SW	.5	1.6	2.1	1.5								5.7	8.1
WSW	.4	2.1	2.1	2.1	.9							7.7	9.9
W	.9	1.1	3.1	.9	.4	.5						6.9	9.7
WNW	.4	.4	1.7	1.1								3.6	8.6
NW	.5	.5	.9	.7	.1							2.8	8.0
NNW	.4	.3	.9	.4								2.0	7.6
VARBL	4.0											4.0	1.6
CALM												4.8	
	19.5	23.6	32.3	17.4	1.9	.5						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 753

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUFSTERBERG NL
STATION NAME

68-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN V. IND SPEED
N	1.0	1.0	.7									2.6	4.5
NNE	.3	2.1	2.5	1.5								6.4	8.3
NE	.7	2.2	3.2	1.1	.1							7.3	7.8
ENE	.4	.7	2.6	.4								4.1	7.7
E	1.4	2.6	4.3	1.7								10.0	7.3
ESE	1.2	1.2	1.0	.1								3.6	5.2
SE	1.5	1.9	.7	.7								4.8	5.9
SSE	1.5	1.8	2.9	.6								6.8	6.4
S	1.2	2.6	2.5	.8	.1							7.3	6.7
SSW	1.4	2.9	2.1	1.1	.3	.1						7.9	7.4
SW	.6	2.9	2.9	1.5	.1							8.0	8.1
WSW	.1	1.2	1.7	2.1	.4							5.5	10.0
W	.8	1.0	1.5	2.1	.4	.4						6.2	10.3
WNW	1.0	.7	1.2	.3	.1							3.3	6.3
NW		.8	1.0	.4								2.2	8.0
NNW	.8	.6	.7	.1								2.2	5.6
VARBL	4.4											4.4	1.5
CALM												7.2	
	18.4	26.3	31.4	14.5	1.7	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 723

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 06265 SNESTERBERG NL STATION NAME 68-77 YEARS FEB MONTH
CLASS ALL WEATHER HOURS (L.R.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	1.4	1.8	.1							3.9	7.9
NNE	.4	1.4	2.6	1.6	.1							6.0	8.9
NE	.6	1.8	2.8	1.5	.1							6.7	8.0
ENE	.3	1.0	2.3	1.0	.0							4.7	8.3
E	.9	2.1	3.7	1.6	.1							8.3	7.7
ESE	1.0	1.2	1.5	.2								3.8	5.0
SE	1.5	1.6	1.8	.4								5.3	6.0
SSE	1.8	2.2	2.6	.7								7.3	6.2
S	1.7	2.7	2.4	1.5	.0							8.3	6.8
SSW	1.0	2.3	2.8	.9	.1	.0						7.1	7.1
SW	.5	1.9	3.2	2.3	.2							8.1	8.8
WSW	.4	1.4	1.9	2.7	.7	.1						7.2	10.3
W	.8	1.7	1.9	1.9	.7	.3						7.3	9.8
WNW	.7	.9	1.2	.7	.1	.0						3.7	7.8
NW	.3	.5	.6	.4	.1							2.0	7.9
NNW	.4	.4	.7	.3	.1							1.9	7.3
VARBL	3.4											3.4	1.6
CALM												4.9	
	16.3	24.3	33.3	18.5	2.3	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 5839

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.7	.7								3.6	6.6
NNE	.5	2.0	2.3	1.1	.6							6.5	8.3
NE	1.0	2.9	3.2	1.8	.4	.1						9.4	8.1
ENE	1.1	1.3	2.5	1.7	.1							6.7	7.9
E	1.1	2.5	5.2	2.6	.2							12.2	7.6
ESE	1.2	1.8	.8	.1								3.7	5.1
SE	.7	1.0	.7									3.4	4.1
SSE	1.6	1.1	1.9	.1								4.7	5.3
S	1.4	2.3	2.4	.7								6.8	6.4
SSE	.8	1.6	1.8	.8								4.6	6.7
SW	.2	1.3	4.4	2.0	.2	.1						8.4	9.4
WSW	.4	1.3	2.3	2.0								6.0	9.0
W	1.0	.7	.8	1.9	.6							5.0	9.0
WNW	.7	.7	1.0	.6	.1	.1						3.2	8.0
NW	.5	.7	.4	.2								1.8	5.0
NNW	.4	.7	.8									1.9	5.0
VARBL	3.2											3.5	1.3
CALM												8.5	
	18.4	22.8	31.3	16.3	2.3	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 833

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 00265 SUESTERBERG NL YEAR 68-77 MONTH MAR
STATION NAME YEAR MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.0	.4								2.8	6.5
NNE	1.0	2.5	2.4	.4	.2	.1						6.6	7.1
NE	1.5	2.7	2.1	.7	.6	.1						7.8	7.4
ENE	1.0	1.1	2.7	2.0	.4							7.2	8.4
E	1.2	1.5	4.8	1.9								9.3	7.9
ESE	1.4	1.6	.6	.4								4.0	5.0
SE	1.9	.6	1.1									3.6	4.7
SSE	1.5	1.9	2.0									5.3	5.3
S	2.0	3.6	2.5	.1								8.2	5.3
SSW	.4	2.2	1.4	.5								4.5	6.5
SW	.6	2.2	2.1	2.2	.2	.2						7.7	9.0
WSW	.2	.7	2.4	3.3	.2							6.9	10.2
W	1.1	1.0	.9	.7	.5							4.2	8.2
WNW	.6	.6	.7	.9	.1							3.0	8.3
NW	.7	.7	.5	.2								2.2	5.4
NNW	.4	.7	1.0	.2								2.4	6.5
VARBL	4.1											4.1	1.6
CALM												10.4	
	20.2	24.5	28.1	14.0	2.4	.5						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 808

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

MAR
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.5									2.0	4.0
NNE	1.6	2.3	1.2	.2	.5							5.9	6.0
NE	1.5	2.2	4.8	.7	.6							9.9	7.2
ENE	.5	1.1	2.3	1.1	.4							5.4	8.7
E	.9	1.2	6.5	1.7								10.3	8.0
ESE	1.1	1.4	.9	.1								3.4	4.9
SE	1.4	1.4	.9									3.6	4.0
SSE	2.3	1.7	1.0	.2								5.2	4.7
S	2.3	3.0	3.1	.2								8.6	5.2
SSW	.2	1.4	2.2									3.8	6.5
SW	.6	1.5	3.6	2.0	.1							7.8	8.8
WSW	.1	.2	1.6	2.0	.5	.2						4.7	12.4
W	1.2	2.0	2.2	1.8	.4	.1						7.8	8.3
WNW	1.2	.9	1.1	.8	.1							3.9	6.0
NW	.1	1.0	.6	.4	.1							2.2	7.8
NNW	.4	.2	1.2	.2								2.1	7.1
VARBL	5.2											5.2	1.2
CALM												8.0	
	21.6	22.2	33.7	11.5	2.7	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 812

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 SUESTERBERG NL 68-77 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	1.2	1.0								3.2	8.0
NNE	.6	1.2	2.2	1.4	.4							5.9	8.4
NE	.3	2.2	2.7	1.9	.1							7.2	8.6
ENE	.4	1.5	2.6	2.6	.6	.1						7.9	9.8
E	.3	2.5	5.2	2.2	.1	.1						10.2	8.9
ESE	.1	1.5	1.3	.6								3.6	7.6
SE	.5	.3	.9	.3								1.9	6.9
SSE	.8	1.5	1.7	.1								4.1	6.0
S	.9	3.1	5.2	.9								10.1	7.2
SSW	.5	1.4	2.5	.9								5.3	7.7
SW	1.0	2.3	3.5	2.8	.3	.1						9.8	8.8
WSW	.1	.8	2.5	2.7	.9	.1						7.1	11.5
W	.5	2.1	2.2	1.7	1.2	.1						7.7	10.0
W+ W	.3	1.3	1.0	1.4	.1							4.1	9.1
NW	.1	.5	.8	1.2	.4							3.0	11.0
NNW	.3	.3	.9	1.3	.1							2.8	10.1
VARBL	2.7											2.7	1.5
CALM												3.1	
	9.9	23.1	36.1	22.8	4.3	.6						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 775

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	2.0	1.2	.2	.1						4.1	10.3
NNE		1.0	3.4	2.4	.1							6.8	9.3
NE	.1	1.0	3.7	2.0	.2							7.1	9.4
ENE	.1	.9	2.4	3.4	1.0	.1						7.8	11.8
E	.1	1.0	4.9	5.1	.2							11.3	10.2
ESE	.4	.7	1.0	1.0								3.1	8.1
SE			1.1	.7								1.9	10.3
SSE	.1	.1	1.6	1.4								3.2	10.3
S	.2	1.0	4.2	1.6	.1							7.2	9.1
SSW	.4	1.0	2.5	.7	.2							4.9	8.4
SW	.4	1.5	3.6	3.1	.9							9.3	10.3
WSW	.2	.9	2.5	5.0	1.0	.4	.1					10.1	12.2
W	.2	1.5	2.0	2.9	1.2	.6	.1					8.6	12.1
WNW		1.1	1.6	1.9	.9	.4						5.8	11.7
NW		.2	1.2	1.1	.4							3.0	11.2
NNW	.1	.5	1.2	1.2	.5							3.6	10.9
VARBL	1.7	.1										1.9	2.2
CALM												.1	
	4.2	13.1	38.9	34.7	7.1	1.6	.2					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 804

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 SUESTERBERG NL 68-77 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	3.8	2.2	.3							7.0	9.7
NNE		1.0	3.4	1.9	.3							6.6	9.7
NE	.1	1.0	3.2	2.6	.4							7.4	10.1
ENE		.5	1.2	3.5	.6							5.8	12.2
E	.1	1.8	3.5	4.2	.9	.1						10.8	10.8
ESE	.3	.5	1.4	.8								3.0	8.2
SE	.4	.4	.8	1.2								2.7	9.0
SSE	.4	.4	1.6	1.2								3.5	8.9
S	.3	1.6	3.4	1.4								6.6	8.6
SSW	.1	.5	1.8	.8	.1							3.4	9.0
SW	.1	1.8	2.7	3.2	.9	.1						9.0	10.7
WSW	.3	.5	2.2	3.5	.8	.3						7.5	11.7
W	.5	1.4	2.9	5.7	1.7	.1						12.3	11.2
WNW	.1	.4	1.2	3.1	.8	.6						6.2	13.8
NW	.1	.6	1.4	.6	.2							3.4	10.2
NNW		.3	1.2	1.3	.1							2.9	10.7
VARBL	1.4	.1										1.6	2.6
CALM												.3	
	4.3	13.8	35.6	37.4	7.4	1.3						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 770

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265

SOESTERBERG NL

68-77

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6	2.3	.9								5.9	7.0
NNE	.3	2.8	3.1	2.0	.1							8.3	8.3
NE	.9	1.8	5.3	1.3	.3	.1						9.5	8.3
ENE	.8	1.3	2.4	1.0	.3							6.1	8.8
E	1.6	1.3	5.4	4.6	.4							13.3	9.1
ESE	1.1	1.3	.6	.1								3.1	4.6
SE	.9	.6	.8	.1								2.4	5.7
SSE	1.4	2.0	1.3	.6								5.3	5.7
S	.6	1.4	2.0	.6								4.6	7.4
SSW	1.0	1.4	1.3	.4								4.0	6.1
SW	.9	2.0	2.9	.9	.4							7.0	7.9
WSW	.8	.8	2.1	3.6	.5							7.8	10.3
W	.9	1.8	4.0	2.5								9.1	8.6
WNW	.4	1.3	1.6	1.0	.4	.3						4.9	9.3
NW	.4	1.5	.4	.4								2.6	6.4
NNW	.3	.8	1.0	.6								2.6	8.1
VARBL	2.0											2.0	1.2
CALM												1.5	
	15.0	23.3	36.3	21.3	2.3	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

799

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NL
STATION NAME

58-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	.6	.5								3.6	5.8
NNE	1.0	2.3	3.0	2.2								8.5	7.9
NE	1.0	2.6	3.6	1.1	.5							8.8	8.0
ENE	.6	1.2	1.6	1.5								4.9	8.1
E	2.0	2.2	4.9	3.2	.2							12.6	8.1
ESE	1.5	1.0	.6									3.1	4.3
SE	.7	1.0	.9									2.6	5.4
SSE	.9	1.9	1.6	.5								4.8	6.6
S	1.1	2.1	1.1	.7								5.1	6.3
SSW	.9	1.7	1.9	.6								5.1	6.5
SW	.5	1.7	3.0	2.2	.4							7.8	8.8
WSW	.4	1.9	2.5	2.6	.4							7.7	9.1
W	.7	2.0	1.9	1.9	.2							6.7	8.4
WNW	.5	1.4	.9	.4								3.1	6.2
NW	.5	.7	1.0	.2	.1							2.6	6.9
NNW	.6	1.2	.5	.1								2.5	5.2
VARBL	4.3											4.3	1.7
CALM												6.3	
	18.3	26.3	29.4	17.8	1.9							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 809

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.9	1.9	.9	.1	.0						4.0	7.4
NNE	.6	1.9	2.6	1.5	.3	.0						6.9	8.3
NE	.8	2.1	3.0	1.5	.4	.0						8.4	8.3
ENE	.5	1.1	2.2	2.2	.4	.0						6.5	9.5
E	1.0	1.7	5.1	3.2	.3	.0						11.3	8.9
ESE	.9	1.2	.9	.4								3.4	5.9
SE	.9	.7	.9	.3								2.8	5.9
SSE	1.1	1.3	1.6	.5								4.5	6.3
S	1.1	2.2	3.0	.8	.0							7.1	6.9
SSW	.5	1.4	1.9	.6	.0							4.4	7.1
SW	.5	1.8	3.2	2.3	.4	.1						8.3	9.3
WSW	.3	.9	2.2	3.1	.5	.1	.0					7.2	10.6
W	.8	1.5	2.1	2.4	.7	.1	.0					7.6	9.6
WNW	.5	1.0	1.1	1.2	.3	.2						4.3	9.1
NW	.3	.8	.8	.5	.2							2.6	8.4
NNW	.3	.6	1.0	.6	.1							2.6	8.3
VARBL	3.2	.0										3.2	1.0
CALM												4.8	
	14.1	21.2	33.7	21.8	3.7	.6	.0					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 6410

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	2.0	.4								4.8	6.2
NNE	1.0	2.9	4.2	3.2								11.2	8.1
NE	.6	3.0	3.7	1.0								8.3	7.2
ENE	.6	.5	1.1	.9								2.8	7.3
E	1.3	.6	.9	.5								3.3	6.2
ESE	.4	1.0	1.3									2.6	6.4
SE	.4	.3	.8									1.4	5.5
SSE	.4	.8	.6	.3								2.0	6.2
S	1.1	2.0	.5	.6								4.3	5.6
SSW	.4	1.1	1.3	.9								3.7	7.6
SW	.5	2.4	2.6	3.4	.3							9.2	8.9
WSW	.3	1.1	2.9	3.3	1.0							8.6	10.7
W	1.6	2.0	2.1	1.5								7.3	7.2
WNW	.6	1.1	.8	.4	.1	.1						3.2	7.9
NW	1.0	1.0	2.0	1.3	.3							5.5	8.3
NNW	1.3	.8	.9	.3								3.2	5.6
VARBL	5.2											5.2	1.6
CALM												13.5	
	17.7	22.1	27.6	17.4	1.6	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 793

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265

SUESTERBERG NL

68-77

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	2.4	.1								4.5	6.5
NNE	1.7	2.4	4.5	1.8								10.4	7.4
NE	1.0	3.2	4.3	1.0								9.5	7.4
ENE	.3	.5	.6	.1								1.5	6.3
E	1.4	.6	.9									3.0	4.7
ESE	.3	1.2	1.3									2.7	6.4
SE	.4	.9	.5									1.8	5.4
SSE	1.2	.4	.5									2.1	3.7
S	1.4	2.8	.9	.1								4.9	4.7
SSW	1.2	1.3	2.8	1.3								6.6	7.5
SW	.5	.8	3.1	2.8								7.2	9.3
WSW	.3	1.5	2.3	3.5	.5							8.1	10.3
W	1.7	1.3	2.1	1.9	.1							7.1	8.0
WNW	1.5	1.7	1.2	.4								4.8	5.4
NW	1.7	.9	1.5	.4								4.5	6.4
NNW	.8	.9	1.2	1.0		.1						4.0	8.4
VARBL	5.9											5.9	1.5
CALM												11.3	
	21.8	21.9	29.6	14.6	.6	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

776

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	2.0	.5								5.7	6.7
NNE	.4	2.0	3.5	2.7								8.6	8.6
NE	.8	1.9	4.4	2.0								9.1	7.9
ENE	.5	.6	.4									1.5	4.9
E	.8	1.2	1.5	.1								3.7	5.7
ESE	1.0	.6	1.6									3.3	6.0
SE	.3	1.1	1.1									2.5	5.8
SSE	.9	.9	.1									1.9	4.2
S	2.0	3.2	1.0		.1							6.3	4.8
SSW	1.4	1.4	2.0	1.4								6.2	7.4
SW	.6	1.1	3.2	3.9								8.9	9.8
WSW	.3	.6	1.8	3.8	.2							6.7	11.0
W	.8	2.7	2.2	1.8								7.3	7.9
WNW	1.0	1.4	1.0	1.1								4.6	6.9
NW	.5	.3	2.0	.5								3.3	7.8
NNW	1.0	.6	1.6	1.9								5.2	8.8
VARBL	4.8											4.8	1.2
CALM												10.4	
	17.8	22.0	29.6	19.7	.4							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 790

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265

SUESTERBERG NL

68-77

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

NOISE (L.S.T.)

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	3.4	3.9	.1							9.2	9.9
NNE	.3	1.3	2.6	3.8	.3							8.3	10.2
NE	.5	.9	2.6	2.7	.8	.3						7.9	10.6
ENE	.4	.5	1.3	2.2	.1							4.6	10.4
E	.4	1.0	2.4	1.2	.4							3.5	9.2
ESE		1.0	2.0	.1								3.1	7.1
SE	.3	.5	.9	.3	.1							2.1	7.9
SSE	.3	1.0	.7	.4								2.4	6.6
S	.7	2.1	1.3	.9								5.0	6.9
SSW	.4	1.0	3.4	1.7	.3							6.8	9.0
SW	.6	1.3	2.1	3.7	.3							8.1	9.2
WSW	.3	.7	1.4	4.7	1.0							8.1	12.4
W	.4	1.4	2.0	4.7	.7							9.2	11.0
WNW	.7	.4	2.6	2.0	.7							6.3	10.4
NW	.1	1.0	1.3	1.7	.4							4.6	10.4
NNW	.3	.7	1.2	2.4	.8	.1						5.4	11.0
VARBL	1.8											1.8	1.0
CALM												1.6	
	8.2	16.0	31.2	36.5	6.2	.4						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

764

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3	3.1	6.7	1.0							11.6	11.9
NNE	.1	.5	2.7	2.4	.6							6.4	11.1
NE		1.0	1.8	3.9	1.1	.3						8.1	12.4
ENE		.5	.9	2.3	.8							4.5	12.6
E	.3	1.0	2.7	2.2	.6							6.7	10.6
ESE		.4	.9	.4								1.7	8.8
SE		.1	1.0	.6								1.8	9.5
SSE		.1	1.4	.4								1.9	9.4
S		.5	2.4	1.0								3.9	9.8
SSW	.1	1.0	1.9	2.4	.3							5.7	10.3
SW	.1	.5	3.1	2.3	.5							6.5	10.6
WSW		.9	2.0	4.1	1.5	.3						8.8	12.5
W	.6	.5	1.9	2.2	1.5	.6						10.4	12.7
WNW	.1	.6	1.5	2.9	1.7	.1						7.0	12.8
NW		.4	1.9	3.6	1.0	.1	.1					7.1	13.0
NNW	.4	.5	1.8	2.3	.4	.1						5.6	11.4
VARBL	2.0	.1										2.2	1.7
CALM												.1	
	4.3	9.0	30.9	42.7	11.1	1.7	.1					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

786

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 06265 STATION NAME SIESTERBERG NL YEARS 64-77
AP, NORTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8	4.1	0.6	1.9							14.0	11.9
NNE		.5	2.6	3.9	1.4	.1						8.7	12.2
NE	.1	.3	1.4	3.4	2.0	.1						7.3	13.5
ENE	.1	.5	.1	1.2	1.4							3.4	13.2
E	.3	.1	1.6	2.7	.1							4.9	11.0
ESE		.1	1.5	.4								2.0	8.6
SE	.1	.4	.9	.5								2.0	8.1
SSE	.1		1.2	.2								1.6	9.1
S	.3	1.4	.9	1.1								3.7	8.2
SSW	.3	1.1	2.7	1.6	.3	.1						6.1	9.7
SW		.5	1.4	1.1	.5	.1						3.7	11.4
WSW	.1	.4	1.4	3.3	1.9	.7						7.7	13.9
W		.4	3.9	4.2	1.8	.4	.1					10.8	2.7
WNW	.3	.8	1.2	4.2	1.1	.1						7.7	12.4
NW	.1	.9	2.1	3.4	.4	.3	.1					7.7	11.6
NNW	.1	.4	1.5	4.1	.9							7.0	12.1
VARBL	1.1	.5										1.6	3.1
CALM													
	3.7	9.3	28.9	42.0	13.7	2.2	.3					100.7	11.7

TOTAL NUMBER OF OBSERVATIONS 738

DATA PROCESSING BRANCH
 EIAAC/USAF
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0626^N STATION SIESTERBERG III 1977 YEARS APR MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	7.1	5.7	.5							16.1	2.6
NNE	.2	2.1	4.1	3.3	.6	.1						10.5	10.1
NE	.2	.9	2.5	4.0	.6							8.8	11.0
ENE	.1		.7	1.7	.9							3.0	11.3
E	.0	1.2	1.1	1.4	.1							4.5	8.5
ESE	.1	.4	.7									1.2	6.8
SE		.5	.4	.2								1.1	2.3
SSE	.2	.5	.5	.2								1.5	6.8
S	1.1	.5	.5	.7								2.8	6.5
SSW	.5	.0	.9	1.2	.2							3.5	0.5
SW	.0	.5	1.5	1.1	.2							4.0	0.0
WSW	.4	.4	1.5	3.7	1.6	.2	.1					7.9	13.3
W	.4	1.9	3.0	3.1	.5			.1				8.9	10.0
WNW	.9	1.2	2.2	2.2	.1			.1				7.1	9.1
NW	.5	1.0	2.5	2.7	.2							6.9	2.9
NNW	.4	1.7	2.7	3.2	.2	.1						8.4	2.8
VARBL	1.7											1.7	1.9
CALM												2.1	
	8.0	15.5	31.8	35.5	5.4	.5	.1	.2				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 808

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SWEETENBERG NL

STATION NAME

1977

YEARS

APR
MONTH

ALL WFTHC
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.7	2.5	.9								9.3	6.1
NNE	1.0	2.9	4.1	4.5								12.9	8.7
NE	.3	2.4	3.6	3.2								9.4	8.9
ENE	.4	.3	1.8	.6								3.1	8.2
E	.5	.8	2.0	.6								3.9	7.2
ESE	.1	.1	1.3									1.5	7.4
SE	.1	.5	.1	.1								.9	6.4
SSE	.6	.1	.1	.1								1.0	4.9
S	.6	1.5	.4	.2								3.1	6.1
SSW	.5	2.3	1.3	.2								4.6	6.1
SW	.5	1.5	2.3	2.7	.3							7.3	9.2
WSW	.4	.8	2.3	2.8	1.1							7.4	11.3
W	1.5	1.7	2.3	1.1	.1							6.8	7.2
WNW	1.0	1.5	.5	.6	.1							3.9	6.4
NW	.9	2.0	.8	1.7	.1	.1	.3					5.9	9.3
NNW	2.0	1.8	1.3	.1								5.2	5.2
VARBL	4.2											4.2	1.5
CALM												9.7	
	16.9	23.9	26.8	20.5	1.8	.1	.3					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

785

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION 06265 STATION NAME ALL WEATHER CLASS ALL HOURS (L.S.T.)
APJ NORTH
77 YEARS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.6	3.3	3.1	.4							9.4	9.3
NNE	.6	1.9	3.5	3.2	.4							9.7	9.4
NE	.4	1.7	3.0	2.7	.6	.1						8.6	9.7
ENE	.3	.4	.9	1.1	.3							3.0	10.1
E	.7	.8	1.6	1.1	.2							4.4	8.4
ESE	.2	.6	1.3	.1								2.3	7.0
SE	.2	.5	.7	.2	.0							1.7	7.1
SSE	.5	.5	.6	.2								1.8	6.4
S	.9	1.7	.9	.6	.0							4.2	6.3
SSW	.6	1.2	2.0	1.4	.1	.0						5.4	8.4
SW	.5	1.1	.4	2.6	.3	.0						6.9	9.6
WSW	.2	.8	2.0	3.6	1.1	.1	.0					7.9	11.9
W	.9	1.5	2.4	2.9	.6	.1	.0	.0				8.5	9.9
WNW	.8	1.1	1.4	1.7	.5	.0		.0				5.5	9.4
NW	.6	.9	1.8	1.9	.3	.1	.1					5.7	9.8
NNW	.8	.9	1.5	1.1	.3	.1						5.5	9.4
VARBL	3.4	.1										3.4	1.7
CALM												6.1	
	12.5	17.5	29.6	28.5	5.0	.5	.1	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 6240

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06204 STATION SUESTERBERG NL STATION NAME 65-77 YEARS MAY NORTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	1.8	.1								3.4	6.4
NNE	.7	1.4	3.6	1.2								6.8	7.6
NE	1.4	2.8	5.7	2.3								17.1	8.1
ENE	.7	1.3	1.4	.8								4.2	7.6
E	1.5	2.7	4.9	1.5								19.5	7.1
ESE	.9	1.8	1.7									4.5	5.5
SE	1.4	.9	.9									3.2	4.4
SSE	2.4	.8	.3									3.6	3.5
S	2.8	1.5	2.2	.2								6.7	5.1
SSW	.5	1.8	1.8	.3								4.3	6.3
SW		1.8	2.5	1.3	.1							5.8	8.4
WSW	.7	1.0	2.2	1.2								5.1	8.1
W	.8	1.7	2.3	1.6								5.9	7.6
WNW	.5	1.8	1.3	.2								3.8	6.0
NW	.6	.8	.2	.1								1.7	4.8
NNW	.3	1.0	.3	.2								2.4	5.2
VARBL	5.3											5.3	1.7
CALM												10.6	
	21.3	24.4	33.3	10.3	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 865

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SIESTERBERG ML

STATION NAME

55-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.5	1.3	.4								3.1	6.5
NNE	1.1	1.7	2.9	.6								6.3	5.8
NE	1.0	3.8	4.0	1.8	.1							10.7	7.5
ENE	1.5	1.6	.7	.4								4.2	5.4
E	1.1	2.7	3.7	.4								7.8	6.6
ESE	1.2	2.3	1.6	.1								5.3	5.6
SE	1.3	1.3	.4									3.1	4.0
SSE	3.3	2.0	.4	.1								5.7	3.6
S	2.3	2.0	2.1	.1								6.5	4.8
SSW	.7	2.2	2.1	.9								5.9	6.7
SW	.7	1.5	2.4	1.2								5.9	7.6
WSW	.6	1.5	2.0	1.5								5.5	8.1
W	1.2	2.3	2.2	.7	.1							6.6	6.7
WNW	.9	1.5	.9	.4								3.5	5.5
NW	1.1	1.3	.9	.4								3.7	5.8
NNW	.6	.9	.4									1.8	4.3
VARBL	4.4											4.4	1.6
CALM												10.1	
	23.9	28.9	27.8	8.9	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

319

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SIESTERBERG NL
STATION NAME

63-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	1.1	.1								2.1	6.5
NNE	.6	1.2	3.6	1.2	.1							6.7	8.3
NE	.7	2.6	4.5	2.2	.2							10.2	8.2
ENE	.9	1.2	1.3	.7								4.1	6.9
E	2.5	2.1	5.3	.8								10.7	6.7
ESE	.8	1.4	.9	.2								3.4	5.6
SE	.9	.9	1.2									3.1	5.1
SSE	2.2	2.1	.7									5.0	4.0
S	2.1	2.5	2.3									6.9	5.3
SSW	1.4	2.2	3.3	.7								7.6	6.7
SW	.5	2.1	4.6	1.5	.1	.1						8.9	8.4
WSW	.6	1.4	1.9	1.8	.2							5.9	8.8
W	1.1	1.6	2.3	1.5								6.6	7.4
WNW	1.4	.9	1.5	.9								4.8	6.6
NW	.4	.8	1.2	.6								2.9	7.7
NNW	.6	.5	1.5	.2								2.8	6.9
VARBL	3.5											3.5	1.7
CALM												4.7	
	20.5	24.2	37.2	12.6	.7	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 852

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION 06265 SUBSTERNBERG ML STATION NAME 5-77 YEARS MAY MONTH 0700-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.9	1.4								3.0	9.3
NNE	.1	.9	2.4	3.0								5.4	10.0
NE	.1	1.5	2.8	4.3	.1							8.7	10.3
ENE	.4	.4	1.5	1.4	.5							4.1	10.6
E	.3	2.1	5.2	2.5	.6							11.2	9.2
ESE	.1	.8	2.3	.4								3.9	8.9
SE	.6	.6	.8	.1								2.1	5.6
SSE	.4	1.5	.9	.1								2.9	6.0
S	.3	1.5	2.9	.4								5.0	7.4
SSW	.3	1.9	2.9	1.5								6.5	8.2
SW	.3	1.5	5.1	4.2	.1							11.8	9.6
WSW	.3	2.0	4.1	3.5	.4							10.3	9.6
W	.3	.9	2.1	3.5	.5							7.3	10.4
WNW	.5	1.5	1.3	3.1	.5							6.9	10.3
NW		.5	.9	1.1								2.5	10.3
NNW	.3	.6	1.4	1.3								3.5	9.1
VARBL	1.0											3.0	1.8
CALM												.9	
	7.2	18.8	37.5	32.9	2.8							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 797

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06264
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	2.2	1.4	.1							4.0	10.7
NNE	.5	.8	1.6	2.9	.1							5.9	10.0
NE	.5	.5	2.0	4.1	.5							7.6	11.0
ENE	.2	.1	1.3	2.8	.7							5.2	12.0
E	.2	.5	2.5	3.9	1.7							8.8	12.0
ESE	.1	.7	2.3	1.8								4.9	9.3
SE		.4	1.6	.5								2.8	9.4
SSE	.1	.2	.5	.1								1.0	6.9
S	.1	.8	3.4	.6								4.9	8.3
SSW	.4	1.2	2.8	1.7								6.0	8.7
SW		1.4	5.2	2.3	.4							9.7	9.7
WSW	.2	1.0	2.9	4.3	.7	.2						9.4	11.2
W	.4	2.0	2.6	5.1	1.8	.1						12.0	11.2
WNW	.1	.8	2.4	3.2	1.0	.1						7.7	11.4
NW	.2	.5	1.4	1.3	.7							4.2	10.7
NNW		.5	.7	2.0								3.2	10.3
VARBL	1.9	.2	.1									2.3	2.7
CALM												.4	
	5.1	12.0	35.5	38.9	7.7	.2						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 831

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

0626R
STATION

STEFTERBERG NL
STATION NAME

6-77
YEARS

DAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	2.5	3.1	.3							6.8	10.8
NNE	.3	1.1	2.5	2.5	.3							6.8	10.0
NE	.3	.4	2.5	3.4	1.5							8.2	11.7
ENE	.3	.3	1.5	1.9	1.7							5.6	12.5
E	.3	.9	2.5	4.5	.8							8.9	11.1
ESE		1.1	2.0	2.2								5.4	9.4
SE	.1	.5	1.5	.5								2.7	8.2
SSE	.1	.5	1.1	.5								2.3	8.1
S	.1	.5	2.4	.9								3.9	8.9
SSW	.4	1.1	1.5	.8								3.8	8.0
SW	.1	.8	2.7	2.0	.1	.3						6.0	10.3
WSW		.5	2.9	3.3	1.3	.1						8.2	12.0
W	.1	1.4	3.9	4.3	.9	.1						10.8	11.1
WNW	.3	1.0	2.7	4.7	1.0	.1						9.8	11.6
NW		.4	2.2	2.4	.4							5.4	11.2
NNW		.5	1.1	.9	.4							2.9	10.7
VARBL	2.5											2.5	2.2
CALM												.1	
	5.0	11.8	35.9	38.0	8.5	.6						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 785

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG NL
STATION NAME

1977
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	4.2	3.6	.2							9.8	9.5
NNE	.1	1.7	2.6	3.2	.1							8.8	9.6
NE	.2	2.0	3.5	2.5	.5							8.8	9.5
ENE	.1	1.2	1.6	2.2	.4							5.4	10.3
E	.5	.7	4.0	3.5	.5							9.1	10.0
ESE	.8	1.3	1.8	.6								4.8	5.7
SE	.1	.6	1.3									2.0	6.3
SSE	1.2	1.2	.8	.2								3.5	5.6
S	.8	1.1	.8	.4								3.1	6.1
SSW	.8	1.7	2.0	.2								4.8	6.3
SW	.4	1.6	2.0	1.6								5.5	8.2
WSW	.2	.5	1.2	1.9	.6	.2						4.7	11.9
W	.7	1.7	3.0	3.5								8.9	9.2
WNW	.7	1.3	3.1	2.5	.6	.1						8.4	10.1
NW	.2	1.3	2.3	1.2								5.0	8.5
NNW	.5	.6	1.3	.7	.1							3.2	8.6
VARBL	2.3											2.3	1.6
CALM												1.9	
	10.3	19.8	36.6	28.1	3.0	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 834

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SIESTEBERG IL
STATION NAME

65-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	1.8	.3								5.6	6.5
NNE	.9	2.2	4.6	1.7								9.3	7.9
NE	.6	1.9	5.2	3.9	.1							11.8	9.1
ENE	.9	1.4	2.7	1.3								6.2	7.6
E	2.0	3.3	3.4	1.1								9.9	6.5
ESE	1.1	1.1	1.0									3.3	5.0
SE	1.0	.8	.6									2.4	4.5
SSE	1.1	1.3	.3									2.7	4.2
S	2.2	1.4	1.0	.1								4.7	4.6
SSW	.5	2.0	.5	.4								3.4	5.6
SW	.3	1.5	1.5	1.3								5.1	7.4
WSW	.8	1.7	1.8	1.7	.3							6.1	8.3
W	1.5	2.2	2.0	.9								6.6	6.6
WNW	.6	1.7	1.1	.3								3.7	6.2
NW	.5	1.3	.9	.1								2.8	5.9
NNW	.4	.3	1.5	.4								2.5	7.9
VARBL	6.0											6.0	1.6
CALM												7.9	
	21.9	26.0	30.0	13.9	.4							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 787

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 06265 SHESTERBERG NL STATION NAME 44-77 YEARS MAY MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	2.0	1.3	.1							4.7	8.7
NNE	.5	1.4	3.1	2.0	.1							7.1	8.7
NE	.0	1.9	3.8	3.1	.4							9.8	9.2
ENE	.6	.9	1.5	1.4	.4							4.9	9.3
E	1.1	1.9	4.0	2.3	.4							9.6	8.6
ESE	.7	1.3	1.7	.7								4.4	7.1
SE	.7	.8	1.0	.2								2.7	5.9
SSE	1.4	1.2	.0	.1								3.3	4.7
S	1.4	1.4	2.1	.3								5.3	6.1
SSW	.6	1.8	2.1	.8								5.3	7.1
SW	.3	1.5	3.3	2.0	.1	.0						7.3	6.9
WSW	.4	1.2	2.4	2.4	.4	.1						6.8	9.9
W	.8	1.7	2.6	2.6	.4	.0						8.1	9.2
WNW	.0	1.3	1.8	1.7	.4	.0						6.1	9.3
NW	.4	.9	1.2	.9	.1							3.5	8.6
NNW	.4	.6	1.0	.7	.1							2.8	8.2
VARBL	3.6	.0	.0									3.7	1.8
CALM												4.6	
	14.5	20.8	34.2	22.8	2.9							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 6570

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00265 STATION 01 SIFSTERBERG IL 44-77 1977
STATION NAME YEARS MONTHS
ALL WEATHER 0000-0200
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	2.4	.4								5.5	6.4
NNE	1.1	2.9	5.9	.6	.1							10.8	7.5
NE	1.7	3.4	4.2	.4								9.7	4.4
ENE	.9	1.3	.1									2.4	3.9
E	.9	1.8	2.2	.5								5.5	6.5
ESE	1.3	.9	1.1									3.3	4.8
SE	.8	.5										1.3	3.1
SSE	3.2	1.1	.3									4.5	3.2
S	3.9	1.3	1.2									6.4	3.9
SSW	1.1	1.8	2.5									5.5	5.9
SW	1.3	1.1	2.0	1.1								5.4	5.9
WSW	1.2	.9	1.8	.8								4.7	7.3
W	1.3	2.1	1.6	.9								5.9	6.3
WNW	1.2	1.4	1.1	.3								3.9	5.5
NW	1.1	1.3	1.2									3.6	5.3
NNW	1.2	1.3	.3									2.8	3.7
VARBL	4.9											4.9	1.5
CALM												12.8	
	27.9	25.1	27.9	5.1	.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 760

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SIEFSTERBERG NL
STATION NAME

66-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	.8									3.4	4.9
NNE	1.4	4.0	4.1	1.4								10.8	6.8
N ^o E	1.6	3.0	3.7	.4								8.7	6.2
ENE	1.2	1.4	.7	.1								3.4	4.9
E	1.5	1.0	1.6	.1								4.2	5.5
ESE	1.5	1.0	.8									3.3	4.0
SE	.4	.7	.1									1.2	4.2
SSE	2.0	1.1	.7									3.8	3.9
S	4.5	3.3	1.0									8.7	3.9
SSW	2.2	2.5	1.0	.1								5.7	4.6
SW	.8	2.0	3.1	.7								6.7	6.9
WSW	.4	.8	1.4	.1								2.7	6.9
W	1.0	1.9	1.5	.7								5.1	6.6
WNW	.7	1.5	.8	.4								3.4	6.2
NW	1.6	.8	1.4	.1								4.1	5.6
NNW	1.0	.3	1.2	.4								3.4	6.6
VARBL	4.1											4.1	1.4
CALM												17.1	
	27.0	27.3	23.9	4.6								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 732

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SLESTERBERG NL
STATION NAME

64-77
YEARS

JULY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.1	.9	.1								4.0	5.3
NNE	.8	1.7	4.7	.9								8.0	7.8
NE	.8	2.7	4.4	1.2								9.1	7.4
ENE	1.0	1.4	1.8	.5								4.8	6.4
E	.6	1.7	2.6	.3								5.2	6.7
ESE	.3	1.2	1.4									2.9	5.9
SE	.5	.4	.6									1.6	5.3
SSE	1.4	1.0	.4									2.9	3.8
S	1.7	4.3	2.3									8.3	5.3
SSW	2.1	3.4	3.6	.3								9.3	5.7
SW	1.0	2.5	3.2	.3								7.5	6.9
WSW	.3	1.3	2.5	.6								4.7	7.8
W	.5	2.5	3.5	.6								7.1	7.1
WNW	.1	1.0	1.2	.6								3.0	7.6
NW	.4	.8	1.6	.3								3.0	6.7
NNW	1.0	1.6	1.4	1.2								5.2	7.0
VARBL	5.8											5.8	1.6
CALM												7.7	
	19.3	29.4	36.2	7.4								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 771

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SIESTERHOF NL
STATION NAME

6-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.8	4.7	1.8								8.4	8.7
NNE	.1	1.4	4.4	2.8								8.7	9.2
NE	.3	1.5	2.9	4.1	.4							9.2	10.0
ENE	.1	.7	1.1	1.1	.3							3.3	9.5
E	.6	1.8	2.2	2.5	.4							7.4	9.2
ESE	.3	.8	1.9	.4								3.4	8.0
SE	.4	.4	.8	.1								1.8	6.7
SSE	.6	.7	.6									1.8	5.6
S	.4	1.4	2.6	.4								4.8	7.3
SSW	.4	.8	3.4	1.0								5.6	8.2
SW	.8	.7	5.9	3.2	.1							10.7	9.2
WSW		1.7	3.0	2.1	.6							7.3	9.5
W		1.7	3.9	3.6								9.1	9.5
WNW	.3	.8	1.4	2.5	.4							5.4	10.1
NW	.3	1.7	1.2	1.4								4.5	8.2
NNW	.3	1.5	1.2	1.1	.1							4.3	8.0
VARBL	3.9	.1										4.0	2.3
CALM												.1	
	8.8	19.4	41.3	28.0	2.3							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

726

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00265
STATION

SIPSTERBARK ML
STATION NAME

6-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.6	3.5	4.3	.3							10.4	10.1
NNE		.4	2.7	3.1								6.8	10.6
NE		.9	2.7	3.7	.8							8.1	11.2
ENE	.1	.3	1.1	1.7	.3							3.5	11.1
E	.1	.7	2.5	3.6	.3							7.2	10.8
ESE	.1	.5	.5	1.2	.1							2.5	10.0
SE		.1	.3	.4								.8	10.2
SSE		.3	.5	.4								1.2	9.2
S	.1	.8	2.7	.4								4.0	8.3
SSW	.3	.8	3.5	2.5								7.0	9.7
SW	.3	1.6	5.1	2.3	.7							9.8	9.4
WSW	.1	2.1	2.5	2.4	.1							7.3	9.2
W		1.9	3.3	5.5	1.2							11.8	10.9
WNW	.1	1.7	1.9	5.6	.3	.1						9.7	10.9
NW	.1	.9	1.2	1.3								3.6	9.4
NNW		.7	1.3	1.2								3.2	9.6
VARBL	2.5	.4										2.9	2.7
CALM												.1	
	4.3	13.7	35.1	40.7	4.0	.1						120.0	10.0

TOTAL NUMBER OF OBSERVATIONS

752

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06264
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

JULY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	4.3	7.6	.6							13.0	11.5
NNE	.1	1.0	2.4	6.6	.6							10.7	11.4
NE	.3	.4	1.9	3.3	.1							6.0	11.2
ENE	.1	.3	1.0	2.3								3.7	10.7
E		.1	2.4	3.3	.3							6.1	11.4
ESE	.1		1.1	1.1								2.4	10.2
SE	.3	.1	.6	.1								1.1	7.3
SSE	.4	.1	.7	.4								1.7	7.1
S	.3	.7	2.0	.1								3.1	7.1
SSW	.1	.7	2.4	1.1								4.4	8.8
SW	.1	.4	3.4	.9	.1							5.0	9.4
WSW	.3	1.4	2.9	2.6	.4							7.6	9.8
W		1.4	4.9	6.4	.1							12.8	10.8
WNW		.7	3.6	5.8	.9							11.0	11.6
NW	.1	.1	2.4	2.4	.1							5.3	10.4
NNW		.4	2.4	1.6								4.4	9.6
VARBL	1.0	.6										1.6	3.2
CALM													
	3.4	9.3	38.4	45.0	3.3							100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 701

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0626°
STATION

SUESTERBERG NL
STATION NAME

61-77
YEARS

JULY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.3	6.0	8.2	.1							17.0	10.1
NNE		.7	5.6	5.0	.4							11.7	10.7
NE		1.5	2.0	3.5	.3							7.2	10.5
ENE	.1	.7	.9	1.7								3.5	10.0
E	.8	1.3	2.1	1.5	.3							6.0	8.6
ESE	.5	1.2	.5	.3								2.5	6.1
SE	.5	.5	.3									1.3	4.1
SSE	.8	.4	.9									2.1	5.6
S	.5	1.3	1.7									3.6	6.1
SSW	.4	.4	1.1									1.9	6.1
SW	.4	.9	1.6	.4								3.3	7.4
WSW	.1	.9	2.3	1.7	.5							5.6	10.3
W	.5	.5	5.0	3.5	.1							9.7	9.9
WNW	.1	1.6	6.5	3.9	.3							12.4	9.4
NW	.1	1.1	2.8	1.1	.1							5.2	8.4
NNW	.3	.5	3.5	.1								4.4	7.8
VARBL	2.1											2.1	1.9
CALM												.7	
	7.8	15.8	42.8	30.8	2.1							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 753

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06264 STATION 5. JFSTERBERG NL 68-77 YEARS JUL NORTH
STATION NAME CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.3	5.0	1.5	.1							12.7	7.0
NNE	.6	2.7	5.9	2.0	.1							11.2	8.3
NE	1.0	2.5	5.3	1.5								10.3	7.8
ENE	.7	1.1	.8	.3								2.9	6.5
E	.7	2.8	1.8	.3								5.6	5.8
ESE	1.1	.4	.1	.1								1.8	4.3
SE	1.1	.4	.1									1.7	3.4
SSE	1.4	.4	.4									2.2	3.9
S	2.5	1.4	.3	.3								4.5	3.9
SSW	1.4	.4	.7	.4								2.9	5.8
SW	.3	1.4	1.3	1.1								4.1	7.8
WSW	.7	1.7	1.8	.7								4.9	7.1
W	2.1	3.9	2.2	1.0								9.2	5.9
WNW	1.1	2.9	.8	.3								4.9	4.9
NW	1.0	1.7	1.0	.1								3.8	5.4
NNW	2.2	2.7	.7									5.6	4.4
VARBL	4.3											4.3	1.4
CALM												7.4	
	23.9	30.7	28.1	9.6	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 716

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION SHEPSTERBERG NL 5-77 YEARS MONTH JULY
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	3.4	3.0	.1							9.3	8.8
NNE	.5	1.8	4.5	2.9	.2							9.8	9.0
NE	.7	2.0	3.4	2.3	.2							8.6	8.6
ENE	.6	.9	.9	1.0	.1							3.4	3.0
E	.7	1.4	2.2	1.5	.2							5.9	8.3
ESE	.7	.8	.9	.4	.0							2.8	6.7
SE	.5	.4	.4	.1								1.4	5.3
SSE	1.2	.0	.6	.1								2.5	4.6
S	1.8	1.8	1.7	.2								5.5	5.4
SSW	1.0	1.4	2.3	.7								5.3	6.9
SW	.6	1.3	3.2	1.3	.1							6.6	3.2
WSW	.4	1.4	2.3	1.4	.2							5.6	8.8
W	.7	2.0	3.2	2.7	.2							8.8	8.8
WNW	.5	1.5	2.1	2.4	.2	.0						6.7	9.2
NW	.6	1.0	1.6	.8	.0							4.1	7.6
NNW	.7	1.2	1.5	.7	.0							4.1	7.1
VARBL	3.6	.1										3.7	1.8
CALM												5.9	
	15.4	21.7	34.2	21.3	1.5	.0						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 5911

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265

SOESTERBERG NL

68-77

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	.8									2.1	4.9
NNE	.7	1.1	2.9	1.0								5.7	7.7
NE	1.9	3.3	3.5	1.2								9.9	6.6
ENE	.7	1.3	1.0									3.0	5.7
E	1.6	.2	.7	.1								2.7	4.5
ESE	1.0	1.3	.6									2.9	4.3
SE	.5	.5	.1									1.1	4.1
SSE	2.4	.5	.1	.1								3.2	2.9
S	3.0	2.9	.7									6.7	4.0
SSW	1.8	2.4	2.1	.1								5.4	5.3
SW	1.3	2.1	3.6	1.7								8.7	7.4
WSW	1.5	3.0	1.9	.1								6.5	5.6
W	2.4	3.3	2.2	.8								8.7	5.7
WNW	1.3	1.5	1.5	.1								4.6	5.4
NW	1.3	1.2	1.2	.4								4.1	5.7
NNW	.6	.5	.7	.1								1.9	5.9
VARBL	5.0		.1									5.1	1.7
CALM												16.8	
	27.9	25.6	23.9	5.6								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

525

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SIESTERBERG NL
STATION NAME

65-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	.5	.4								1.8	6.9
NNE	.8	2.0	2.1	.9								5.8	6.9
NE	1.8	2.6	2.9	.5								7.9	5.8
ENE	1.1	1.2	.4	.3								2.9	5.2
E	2.1	.1	.7									2.9	3.7
ESE	1.3	1.1	.7									3.0	4.6
SE	.2	.4	.1									1.4	2.9
SSE	2.2	1.1	.1									3.4	3.1
S	3.7	2.4	.8									6.8	2.7
SSW	2.8	4.2	2.9	.1								10.0	5.1
SW	1.3	2.6	2.8	1.2								7.9	6.6
WSW	.4	2.1	3.2	.8								6.4	7.5
W	2.1	3.9	2.2	1.4	.1							9.9	6.5
WNW	1.6	1.2	.7	.4								3.8	5.7
NW	.5	1.3	1.6	.1								3.6	6.0
NNW		.1	.4									.5	7.5
VARBL	4.5											4.5	1.3
CALM												17.4	
	27.4	27.0	22.0	6.2	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

760

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION NAME: SIESTERBERG NL YEARS: 68-77 MONTH: JUL
CLASS: ALL WEATHER HOURS (L.S.T.): 0600-0800
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	1.6	.4								3.6	6.6
NNE	.7	1.1	1.5	.7								4.1	7.1
NE	.6	1.8	3.2	1.5								7.1	7.8
ENE	.5	.7	1.0	.2								2.5	6.4
E	2.1	1.8	1.4	.5								5.8	5.5
ESE	.6	.5	.6									1.7	5.1
SE	1.2	.9	.2	.1								2.5	4.2
SSE	1.5	.5	.6									2.6	4.0
S	3.3	1.7	1.0	.4								6.4	4.2
SSW	1.7	3.9	3.3	.5								9.5	5.9
SW	1.4	3.6	5.4	1.2								11.6	7.0
WSW	.5	2.7	2.8	.4								6.4	6.9
W	1.5	3.2	4.2	1.2								10.1	6.9
WNW	1.7	1.5	1.7	.7	.2							5.9	6.8
NW	.9	1.4	1.6	.4								4.2	6.5
NNW	.6	.6	.9	.5								2.6	6.8
VARBL	4.4											4.4	1.3
CALM												9.1	
	23.8	27.1	31.0	8.7	.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 812

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

05264
STATION

SLESTERBERG, MI
STATION NAME

4-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.6	2.7	1.6	.1							6.3	8.6
NNE	.4	.9	2.9	2.1	.1							6.6	9.3
NE		1.1	3.5	2.7								7.2	9.6
ENE	.5	.8	.8	.9								3.1	7.7
E	.5	1.2	1.0	1.5	.1							5.0	8.5
ESE	.3	.5	1.3	.1								2.3	7.1
SE	.4	.9	.1	.1	.1							1.7	5.8
SSE	.3	.7	.5	.2	.1							1.0	7.6
S	.7	1.5	1.3	.4								3.0	6.4
SSW	.5	2.3	2.9	.7								6.4	7.3
SW	.5	3.7	5.8	3.2								13.3	8.3
WSW	.4	1.5	2.7	2.9	.3							7.8	9.4
W	1.5	2.8	5.4	5.9	.5							16.1	9.3
WNW	.3	1.5	2.5	2.7	.3							7.2	9.6
NW	.1	.7	1.5	1.3								3.6	9.0
NNW	.1	1.5	1.6	.7								3.9	7.9
VARBL	3.3	.1										3.5	7.0
CALM												.4	
	10.2	23.3	37.2	27.2	1.7							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

747

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SOFSTERBFG ML
STATION NAME

6-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	3.1	4.4								8.9	9.9
NNE		.9	2.8	3.1	.1							6.9	10.3
NE		.6	2.4	3.2	.1							6.4	10.4
ENE		.4	1.1	.5								2.0	8.5
E	.4	.6	3.8	1.1								5.9	8.7
ESE	.1		1.3	.4								1.8	9.1
SE	.1	.1	.5	.4								1.1	9.1
SSE		.2	.5	.6								1.0	8.3
S	.4	1.2	1.7	.1								3.4	6.6
SSW	.2	.9	2.2	1.1	.1							4.5	8.8
SW	.1	1.6	4.5	2.4	.2							8.9	9.4
WSW	.5	1.1	4.3	4.4	.5							10.8	10.1
W	.4	1.5	5.5	8.3	1.0							16.6	10.9
WNW	.4	1.2	2.8	5.3	.5							10.7	10.8
NW	.1	1.0	1.0	2.0	.1							4.8	10.4
NNW	.1	.9	1.1	1.5	.1	.1						3.8	9.8
VARBL	2.4	.4										2.8	2.6
CALM												.2	
	5.3	14.0	38.7	38.9	2.8	.1						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 817

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265 STATION SUESTERBERG NL 62-77 YEARS JUN MONTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 35	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	3.2	4.4	.1							8.6	10.5
NNE	.5	1.3	1.7	5.9	.1							9.6	10.7
NE	.3	1.2	2.0	2.8	.5							6.8	10.5
ENE	.5	.1	1.2	.5								2.4	7.6
E		.7	1.3	1.5								3.5	9.5
ESE	.1	.8	.7									1.6	6.5
SE		.5	.8	.3								1.6	8.0
SSE	.4	.7	.4									1.5	5.0
S	.1	.5	.8	.3								1.7	7.4
SSW		.5	1.6	.5		.1						2.8	9.4
SV	.3	1.1	3.3	3.3								8.0	9.8
WSW	.3	1.3	2.8	4.1	.3							8.8	10.6
W	.9	1.5	4.5	9.7	1.2							17.8	11.2
WNW	.4	1.5	2.8	5.3	.9							10.9	10.7
NW		.5	2.7	3.6	.1							6.9	11.1
NNW	.3	.1	1.9	3.3	.1							5.7	11.0
VARBL	1.6	.1										1.7	2.3
CALM												.1	
	5.9	13.3	31.6	45.5	3.5	.1						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 752

DATA PROCESSING BRANCH
 F-105 FAF
 155 1000 HIER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION SUESTERBERG HL 67-77 YEARS MONTH 3-11
 1800-2000 HOURS (L.S.T.)
 ALL WEATHER CLAS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	5.5	4.5	.1							11.6	9.7
NNE	.1	1.2	3.5	3.9	.1							8.9	9.9
NE	.1	.7	2.3	3.8	.1							7.1	10.7
ENE	.1	.2	.7	.4								1.5	7.9
E	.5	.7	2.0	.2								3.5	7.1
ESE	.4	1.0	.2									1.6	4.8
SE	1.2	.4	.2	.1								2.0	3.8
SSE	.7	.4										1.1	3.6
S	.9	.4	.6									1.8	4.1
SSW	.6	.6	1.1	.2	.1							2.7	7.1
SW	.5	1.1	2.3	1.5								5.4	8.5
WSW	.1	2.0	2.8	3.8	.6							9.3	10.2
W	.5	3.2	5.5	4.5	.1							13.7	9.1
WNW	.2	1.6	4.4	4.3	.2							10.8	9.8
NW	.1	2.6	3.5	2.9	.2							9.4	9.0
NNW	.4	1.1	3.4	1.5	.2							6.6	8.7
VARBL	1.0											1.6	1.7
CALM												1.2	
	8.3	18.5	38.3	31.7	2.0							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 817

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 SUESTEPBERG NL 69-77 311
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 2100-300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.3	2.4	.3								7.8	5.6
NNE	.4	1.5	5.3	1.7								8.9	8.6
NE	.1	1.3	4.8	2.1								8.4	8.7
ENE	.7	.9	.3	.1								2.0	4.7
E	1.3	1.1	.7	.1								3.2	5.0
ESE	.4	.9	.3									1.6	6.0
SE	.7	.3										.9	2.1
SSE	.4	.3										.7	2.4
S	1.9	.9	.4									3.2	3.2
SSW	1.6	1.3	1.3	.3								4.5	5.5
SW	1.2	1.7	2.5	2.4								7.8	7.9
WSW	.7	1.9	2.8	1.6								6.9	7.7
W	2.2	5.2	2.4	1.2	.1							11.4	6.1
WNW	1.3	3.1	1.3	.8	.1							5.6	6.2
NW	1.2	3.2	2.1	.4								6.9	5.4
NNW	.9	1.3	1.2	.8								4.3	6.7
VARBL	4.1											4.1	1.6
CALM												10.6	
	21.3	28.2	27.8	11.8	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 752

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06255
STATION

SIESTERBERG NL
STATION NAME

64-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	2.5	2.0	.0							6.4	8.5
NNE	.5	1.2	2.8	2.4	.1							7.0	9.1
NE	.6	1.6	3.1	2.2	.1							7.6	8.6
ENE	.5	.7	.8	.4								2.4	6.6
E	1.1	.8	1.5	.5	.0							4.1	6.8
ESE	.5	.8	.7	.1								2.1	5.6
SE	.6	.5	.3	.1	.0							1.5	5.2
SSE	1.0	.5	.3	.1	.0							1.9	4.3
S	1.3	1.4	.9	.1								4.3	4.7
SSW	1.2	2.0	2.2	.4	.0	.6						5.9	6.4
SW	.8	2.2	3.8	2.1	.0							8.9	8.1
WSW	.5	2.7	2.9	2.3	.2							7.9	9.8
W	1.5	3.1	4.0	4.1	.4							13.0	8.7
WNW	.9	1.6	2.2	2.5	.3							7.5	8.8
NW	.5	1.5	1.9	1.5	.1							5.4	8.2
NNW	.4	.8	1.4	1.0	.1	.0						3.7	8.5
VARBL	3.4	.1	.0									7.5	1.7
CALM												7.0	
	16.3	22.1	31.4	21.9	1.3	.0						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 6282

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06264 STATION SIEFSTERBERG NL 6-77 YEARS AUG MONTH
CLASS ALL WEATHER 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	.5									3.7	4.2
NNE	1.5	2.6	2.9	.8								7.8	5.4
NE	1.0	5.6	4.3									11.6	5.7
ENE	.0	2.1	1.6	.1								4.4	5.9
E	1.1	4.1	3.6	.6								9.4	6.4
ESE	1.1	1.9	.9									3.9	4.7
SE	2.3	1.2										3.5	2.9
SSE	2.5	.7	.1									3.3	2.1
S	2.6	2.9	.5									6.0	4.0
SSW	.8	2.2	3.2									6.2	5.2
SW	.5	1.9	3.0									5.4	6.6
WSW	.4	.7	.6	.5								2.1	7.2
W	1.6	2.1	1.4	.2								5.4	5.2
WNW	1.8	.9	.6									3.3	4.0
NW	.9	.7	.1									1.8	3.7
NNW	1.3	.5	.5									2.2	4.1
VARBL	6.0											6.0	1.4
CALM												14.1	
	27.9	32.0	23.9	2.2								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 854

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SHEPHERD NL
STATION NAME

1977
YEARS

ALL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0										1.7	3.9
NNE	2.3	2.9	2.3	.1								7.7	5.3
NE	2.2	4.0	2.7	.2								9.2	6.4
ENE	.5	2.6	1.5									4.5	5.7
E	2.2	3.8	2.6	.2								8.8	5.4
ESE	1.5	3.3	.9									5.6	4.7
SE	1.5	.7	.1	.1								2.4	3.9
SSE	3.4	.6										4.0	2.7
S	3.2	3.4	1.1									7.7	4.2
SSW	2.1	3.4	2.8	.2								8.6	5.4
SW	.2	2.0	2.4	.1								4.8	6.6
WSW	.4	1.6	.6	.2								2.8	5.9
W	1.3	2.2	.4									3.9	4.5
WNW	.6	1.6	.4									2.6	4.9
NW	.9	.4	.5	.1								1.8	4.9
NNW	.9	.7	.2	.1								2.0	4.5
VARBL	6.4											6.4	1.5
CALM												15.4	
	30.2	34.3	18.5	1.6								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 817

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION 06265 STATION NAME ALL WEATHER CLASS 5-77 YEARS 0600-0800 MONTH 0600-0800 HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.5									1.4	5.2
NNE	1.4	1.4	2.1	.1								5.1	5.8
NE	1.7	4.9	4.5	.4								11.4	6.1
ENE	.5	3.1	1.8	.4								5.7	6.2
E	1.9	3.2	3.1	.2								8.4	5.7
ESE	1.1	2.0	1.7									4.8	5.4
SE	.5	1.1	.6									2.3	5.0
SSE	2.5	.8	.5									3.8	3.4
S	2.9	3.1	2.0	.2								8.2	5.0
SSW	1.0	3.6	3.2	.4								8.1	6.3
SW	.4	3.2	2.3	1.0								6.8	6.8
WSW	.7	1.8	1.1	.2								3.7	6.0
W	.7	2.3	.2	.2								3.4	5.1
WNW	.5	1.7	.6	.1								2.9	5.4
NW	1.1	1.2	.6	.1								3.0	4.8
NNW	.5	1.1	1.0									2.9	5.1
VARBL	6.2											6.5	1.6
CALM												11.8	
	24.5	34.8	25.7	3.3								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 842

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION 06265 STATION NAME ALL WEATHER CLASS 5-77 YEARS 0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	1.8	.6								4.1	7.2
NNE	.3	1.6	4.0	.6								6.6	8.0
NE	.8	2.4	3.9	1.5								8.5	7.7
ENE	.8	1.6	4.3	1.4								8.0	8.1
E	.4	2.4	5.0	1.9								9.7	8.1
ESE	.1	1.6	1.9	.5								4.4	7.8
SE	.4	1.5	.6	.1								2.6	5.8
SSE	.6	.4	.6									1.6	5.2
S	.6	2.0	2.8	.6								6.0	7.1
SSW	.6	3.1	3.1	1.5	.1							8.5	7.8
SW	.5	2.6	3.5	4.3								10.9	9.2
WSW	.6	.8	2.4	1.3								5.0	8.6
W	.4	1.5	3.1	1.8								6.2	8.5
WNW	.5	1.1	2.0	.4								4.0	7.3
NW		2.0	1.5	.6								4.1	7.4
NNW	.5	.9	1.8	.6								3.8	7.5
VARBL	4.0	.1										4.1	2.2
CALM												1.0	
	11.5	27.0	42.3	18.1	.1							100.0	7.6

TOT/L NUMBER OF OBSERVATIONS 797

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06205
STATION

SHESTERBERG FL
STATION NAME

68-77
YEARS

4111
ELEVATION
FOOT

ALL WINDS
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	3.0	2.4	.1							7.1	9.2
NNE	.4	1.7	4.6	1.6	.2							8.5	8.7
NE	.1	1.1	2.3	1.3	.1							5.0	9.0
ENE	.2	.8	2.2	2.7								5.9	9.5
E	.6	1.0	5.2	4.0								11.4	9.7
ESE	.2	.4	2.3	1.0	.1							4.8	9.5
SE		.6	.7	.7								2.1	9.0
SSE	.1	.4	.8	.2								1.6	8.0
S	.1	1.2	2.2	.5								4.0	7.5
SSW	.1	1.4	3.1	1.6								6.3	8.5
SW	.2	.3	3.6	3.7	.1							9.1	10.0
WSW		1.8	3.3	2.9	.2							8.2	9.7
W		1.2	2.9	3.6	.4							8.1	10.4
WNW	.2	.7	1.3	2.4	.2							5.0	10.3
NW	.2	.6	2.1	1.7								4.6	9.2
NNW	.6	1.2	.8	1.2								3.9	8.0
VARBL	4.2	.1										4.3	2.3
CALM												.4	
	8.1	16.5	40.5	33.0	1.6							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

828

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SIEFSTERBERG NL
STATION NAME

1977
YEARS

Aug.
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.9	3.9	4.4								10.3	9.5
NNE	.3	1.0	4.3	3.0	.4							9.0	9.9
NE	.1	.9	3.0	1.5								5.5	9.2
ENE		.6	2.6	2.3								5.5	9.6
E		.8	4.2	3.8								8.7	10.0
ESE		.5	2.0	.6								3.2	9.2
SE	.1	.3	.5	.4								1.3	8.3
SSE	.5	1.6	.6	.1								2.9	5.5
S	.8	1.8	1.4	.6								4.7	6.7
SSW	.8	1.1	2.3	1.8								5.9	8.4
SW	.6	2.0	3.3	3.3								9.2	8.9
WSW	.1	1.3	2.1	1.6	.3							5.5	9.6
W	.5	.8	1.9	5.0	.3							8.4	10.9
WNW	.1	.6	3.7	4.3	.3							9.0	10.5
NW	.3	1.4	1.1	1.6								4.5	8.9
NNW		.8	1.5	1.1								3.4	9.0
VARBL	2.8											2.8	2.4
CALM												.1	
	7.1	17.3	38.5	35.9	1.1							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

793

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SJESTERBERG NL
STATION NAME

66-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.8	4.9	3.1								12.0	8.1
NNE	.5	2.6	6.8	2.6	.1							12.6	8.3
NE	.5	2.4	2.8	1.3								7.0	7.6
ENE	.2	1.7	1.7	.7								4.3	7.5
E	.6	1.9	4.4	1.3	.1							8.3	8.0
ESE	.5	.8	.8	.5								2.6	6.5
SE	1.2	.2	.4									1.8	4.2
SSE	1.1	.4	.4									1.8	3.8
S	.2	1.3	1.3	.2								3.1	6.5
SSW	.7	1.9	.7	.2								3.6	5.6
SW	1.2	1.3	1.8	.4	.1							4.7	6.6
WSW	.5	1.7	2.0	1.8	.5	.1						6.5	9.1
W	.5	3.1	3.9	2.3								9.7	8.0
WNW	.7	1.8	3.2	2.3	.1							8.1	8.3
NW	.2	1.1	2.3	.7	.1							4.4	8.1
NNW	.5	.6	1.5	.7								3.3	7.3
VARBL	3.6											3.6	1.7
CALM												2.7	
	13.8	25.5	38.8	18.0	1.1	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 843

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SIEFSTERBERG NL

STATION NAME

68-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.6	1.2	.1								4.9	4.8
NNE	.9	3.4	6.6	.1								10.9	7.0
NE	1.0	3.5	7.0	.7								12.2	7.1
ENE	1.0	1.6	1.9	.1								4.6	5.8
E	1.5	3.4	2.6	.4								7.8	5.9
ESE	1.4	1.1	.1									2.6	3.8
SE	1.0	.7	.2									2.0	4.1
SSE	1.1	.7	.1									2.0	3.6
S	2.6	2.1	.7									5.5	4.2
SSW	1.2	2.5	.4									4.1	4.4
SW	.6	3.0	2.1	.2								6.0	6.6
WSW	.6	1.6	1.4	.7	.4							4.7	8.0
W	2.6	2.4	1.5	.7								7.2	5.3
WNW	1.0	2.4	1.0	.1								4.5	5.2
NW	1.0	.5	.9									2.4	5.3
NNW	1.5	.9	.2									2.6	3.7
VARBL	6.1											6.1	1.5
CALM												10.0	
	27.0	31.3	28.0	3.4	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

804

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265 51FSTERBERG IL 6-77
STATION STATION NAME YEARS
ALL W.F. THRU
CLASS
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	2.0	1.3	.0							5.7	7.6
NNE	.9	2.2	4.2	1.1	.1							8.5	7.5
NE	1.0	3.1	3.8	.9	.0							6.8	6.9
ENE	.5	1.8	2.2	.9								5.4	7.4
E	1.0	2.0	3.8	1.6	.0							9.1	7.5
ESE	.7	1.5	1.3	.5	.0							4.0	6.5
SE	.9	.8	.4	.2								2.2	5.0
SSE	1.5	.7	.4	.0								2.6	4.0
S	1.6	2.2	1.5	.3								5.6	5.4
SSW	.9	2.4	2.4	.7	.0							6.4	6.7
SW	.5	2.2	2.8	1.6	.0							7.1	8.0
WSW	.4	1.4	1.7	1.2	.2	.2						4.8	8.5
W	1.0	1.9	1.9	1.7	.1							6.6	7.8
WNW	.7	1.4	1.6	1.2	.1							4.9	7.8
NW	.6	1.0	1.1	.6	.0							3.3	7.2
NNW	.8	.8	.9	.5								3.0	6.5
VARBL	5.0	.0										5.0	1.7
CALM												7.0	
	18.8	27.4	31.9	14.3	.5	.0						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 6578

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06204 STATION 06204 SIESTERBERG IL 4-77 YEARS SEP MONTH
CLASS ALL WEATHER 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.6									1.8	5.3
NNE	1.1	2.2	.4	.1								3.8	4.7
NE	1.0	3.0	.7	.1								5.5	4.7
ENE	.8	.6	1.1									2.5	5.7
E	1.9	1.8	1.7	.1								5.6	5.0
ESE	1.2	1.5	.8	.1								3.6	4.9
SE	1.3	1.5	1.1									3.9	4.5
SSE	2.3	1.6	.7									4.6	3.9
S	2.5	3.6	2.1	.4								10.6	4.9
SSW	2.4	3.2	4.1	.6								10.6	6.2
SW	1.0	1.2	3.2	1.7	.4	.7						7.6	9.1
WSW	.5	1.0	1.5	.5								3.4	7.6
W	1.1	.8	1.6	.7	.1							4.4	6.9
WNW	.5	.6	.2	.2	.1							1.7	6.5
NW	.5	.4	.2									1.1	4.1
NNW	1.0	.8										1.8	3.5
VARBL	5.3											5.3	1.3
CALM												22.2	
	25.7	26.3	20.0	4.9	.6	.7						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 824

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 06265 S. ESTEPBERG NL STATION NAME 69-77 YEARS SEP MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.5	.4									1.7	4.5
NNE	.6	1.2	1.0	.1								2.9	6.1
NE	1.4	1.5	.9									3.8	4.7
ENE	.1	1.3	.3									1.7	5.0
E	2.0	1.4	2.0	.1								5.6	5.2
ESE	.9	1.9	.6									3.5	5.1
SE	1.3	1.3	.6									3.3	4.7
SSE	3.5	1.8	1.7									6.9	4.2
S	4.2	3.6	2.9	.8								11.5	5.2
SSW	1.7	3.3	3.1	1.4								9.5	6.8
SW	.9	2.4	2.8	1.3	.3							7.7	7.9
WSW	.1	1.3	1.2	1.2	.4							4.1	9.5
W	1.4	1.3	1.0	.9								4.6	6.3
WNW	.5	.4	.3									1.2	4.6
NW	.9	.6	.3	.1								1.9	4.3
NNW	.5	.4		.1								1.0	4.5
VARBL	5.0											5.0	1.3
CALM												24.1	
	25.9	24.2	19.2	6.0	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 781

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG HL
STATION NAME

64-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	.2									2.0	3.9
NNE	.7	2.3	.5									3.5	4.7
NE	1.2	1.5	1.0									3.7	4.6
ENE	.7	1.0	.5									2.2	4.8
E	2.3	2.4	1.1	.4								6.2	4.7
ESE	1.3	1.5	1.2									4.0	4.8
SE	2.2	1.6	.9									4.6	4.1
SSE	2.8	2.9	.7	.2								6.7	4.2
S	3.1	3.1	3.3	.6								10.0	5.6
SSW	1.5	3.5	4.4	1.3								10.8	6.2
SW	.5	3.5	3.9	.7								8.7	7.0
WSW	.7	1.5	2.4	2.1								6.7	8.4
W	.7	1.0	1.2	.4								3.3	6.9
WNW	.5	1.0	.2	.1								1.8	5.1
NW	.7	.6	.4									1.7	4.3
NNW	.5	.1	.1									.7	3.7
VARBL	6.2											6.2	1.3
CALM												17.0	
	26.7	28.4	22.1	5.9								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 818

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06205
STATION

SOFSTERBERG NL
STATION NAME

65-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	2.4	.3								5.2	6.6
NNE	.7	.9	1.6	.3								3.4	6.7
NE	.4	2.6	2.2	.8								6.1	6.7
ENE	.8	.8	1.2	.5								3.3	6.6
E	1.1	1.7	2.1	.7								5.5	6.5
ESE	.7	2.2	1.1	.3								4.2	5.8
SE	.8	1.5	1.1									3.3	5.3
SSE	1.2	2.1	2.1	.4								5.8	6.2
S	2.0	2.2	3.4	1.8								9.5	7.1
SSW	.5	2.1	5.3	3.4	.1							11.5	9.0
SW	.9	2.6	3.6	3.3	.1							10.6	8.6
WSW	.1	1.2	2.9	1.8	.1							6.2	9.1
W	.8	1.3	2.0	2.0	.9							7.0	9.8
WNW	.7	.9	1.7	1.2	.1							4.6	8.5
NW	.1	.9	.9	.7								2.6	7.9
NNW	.4	1.3	.9	.1								2.8	6.0
VARBL	5.9											5.9	1.8
CALM												2.4	
	17.3	26.8	34.5	17.6	1.5							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 757

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06204
STATION

SIEFSTERBERG NL
STATION NAME

45-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	2.7	1.2								6.8	7.6
NNE	.2	1.5	3.5	.7								6.0	7.7
NE		1.5	1.9	1.4								4.7	8.6
ENE	.4	.4	1.2	.9								2.9	8.5
E	.7	2.2	2.0	1.7								6.7	7.7
ESE		1.6	2.0									3.6	6.8
SE	.4	.9	1.0	.4								2.6	7.0
SSE	.2	1.0	1.6	.6								3.5	7.7
S	.7	2.9	2.9	1.7								8.2	7.6
SSW	.2	1.6	4.2	3.4	.1							9.6	9.4
SW	.6	1.5	3.2	5.1	.7							11.2	10.5
WSW	.1	1.4	1.4	4.7	.9							8.4	11.5
W	.9	1.1	2.4	4.5	1.2							10.1	10.8
WNW		.4	1.4	2.0	.5	.4						4.6	12.0
NW	.4		1.2	1.0	.1	.1						2.9	10.3
NNW	.1		2.1	.9								3.1	9.5
VARBL	5.0	.1										5.1	2.2
CALM												.1	
	10.8	20.1	34.7	30.2	3.6	.5						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 805

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SIESTERBERG NL
STATION NAME

65-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.9	4.6	2.9								10.9	8.3
NNE	.1	1.3	3.1	1.8								6.4	8.7
NE	.1	1.0	3.0	.4								4.6	7.6
ENE	.3	.1	.7	.7								1.7	4.0
E	.3	1.6	2.0	1.4	.1							5.4	8.7
ESE	.1	1.6		.1								4.1	6.7
SE	.5	.9	1.0	.3								2.7	6.4
SSE	.4	.9	1.3	.4								3.0	7.2
S	.7	2.1	1.4	.9								5.1	7.1
SSW	.7	2.0	3.7	2.9	.1							9.3	8.8
SW	.4	3.1	3.1	4.7	.4							11.8	9.5
WSW	.1	1.7	2.7	4.5	.4							9.4	10.5
W	.4	.9	3.5	3.7	.5							9.0	10.4
WNW	.4	1.7	1.2	2.5	.5							5.3	10.1
NW	.1	1.0	1.3	1.4								3.9	8.8
NNW	.3	.8	.9	.9								2.9	8.8
VARBL	3.0											3.0	2.0
CALM												.5	
	8.4	23.7	35.9	29.5	2.1							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 764

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG NL
STATION NAME

64-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.6	1.9	1.0								8.0	6.2
NNE	1.4	3.0	2.5	.6								7.4	6.0
NE	.6	2.1	2.5									5.2	6.3
ENE	.9	.5	.5									1.9	4.4
E	1.7	2.8	1.5	1.4								7.4	6.3
ESE	1.6	1.9	.5									4.0	4.2
SE	.6	1.2	.2									2.1	4.5
SSE	1.2	.5	.9									2.6	4.6
S	3.1	1.7	1.5	1.4								7.7	5.9
SSW	.6	2.1	2.7	1.0	.4							6.8	7.9
SW	1.2	1.6	2.3	1.0	.6							6.8	8.1
WSW	.9	1.9	1.6	3.2	.1							7.7	9.0
W	1.9	2.7	3.2	.6		.1						8.5	6.4
WNW	1.5	1.7	1.2	.5	.1							5.1	6.1
NW	.7	1.2	.7	.2								3.0	5.6
NNW	1.5	1.5	.6	.4								4.0	5.2
VARBL	5.1											5.1	1.7
CALM												6.9	
	26.1	30.0	24.4	11.2	1.2	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 809

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG ML
STATION NAME

68-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.9	.6	.3								3.1	5.2
NNE	1.4	2.2	1.8	.3								5.7	5.7
NE	1.2	3.3	2.2									6.7	5.5
ENE	.6	.5	.6									1.8	5.1
E	1.4	2.7	2.4	1.0								7.6	6.3
ESE	1.4	2.6	.6									4.6	4.4
SE	1.4	.4	.3									2.1	3.4
SSE	2.1	.4	.6									3.2	3.8
S	3.2	3.9	2.3	1.2								10.6	5.8
SSW	2.8	2.3	2.8	1.2	.3							9.4	6.4
SW	1.2	1.2	1.4	1.8	.3							5.8	8.3
WSW	.3	1.2	1.9	2.1	.5							5.9	10.0
W	1.0	1.2	1.9	.4	.1							4.6	6.7
WNW	.9	.3	.1	.1								1.4	4.0
NW	.8	1.0	.6									2.4	4.7
NNW	.9		.6	.1								1.7	4.8
VARBL	5.9											5.9	1.5
CALM												17.5	
	27.8	23.9	21.2	8.4	1.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 777

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 SUESTERBERG NL 65-77 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	1.7	.7								4.9	6.7
NNE	.8	1.8	1.8	.5								4.9	6.5
NE	.8	2.1	1.8	.3								5.0	6.1
ENE	.6	.6	.8	.3								2.2	6.2
E	1.5	2.1	1.8	.9	.0							6.3	6.3
ESE	.9	1.8	1.1	.1								3.9	5.3
SE	1.1	1.2	.8	.1								3.1	4.9
SSE	1.7	1.4	1.2	.2								4.5	5.0
S	2.4	3.1	2.5	1.1								9.2	6.0
SSW	1.3	2.5	3.8	1.9	.1							9.7	7.6
SW	.8	2.1	3.0	2.4	.3	.0						8.7	8.8
WSW	.4	1.4	1.9	2.5	.3	.0						6.5	8.7
W	1.0	1.3	2.1	1.6	.4	.0						6.4	8.5
WNW	.6	.9	.8	.8	.2	.0						3.3	8.2
NW	.5	.7	.7	.4	.0	.0						2.4	6.8
NNW	.6	.6	.7	.3								2.2	6.3
VARBL	5.2	.0										5.2	1.6
CALM												11.4	
	21.2	25.5	26.4	14.1	1.3	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 6235

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

S. ESTEPHENS MIL
STATION NAME

68-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.4	.1								1.7	5.2
NNE	.2	1.1	.6	.5								3.0	6.5
NE	1.1	2.4	.6	.4								4.4	5.3
ENE	.1	.6	.5									1.2	5.9
E	2.5	3.5	3.3	.1								9.4	5.6
ESE	2.6	2.0	.8									5.5	4.0
SE	3.1	1.4	1.2									5.7	4.1
SSE	3.7	2.0	.5	.2								6.5	3.8
S	4.4	3.6	2.5	.2								10.8	4.7
SSW	1.4	1.8	3.6	.7								7.5	6.6
SW	.7	2.0	3.3	2.9	.1							9.1	5.6
WSW	1.0	1.4	1.6	1.4	.5							5.9	8.5
W	1.1	1.4	1.7	.7	.4							5.3	7.5
WNW	1.2	1.2	1.0	.2								3.6	5.6
NW	.4	.5	.6									1.4	5.5
NNW	.6	.2		.1								1.0	4.3
VARBL	6.9											6.9	1.4
CALM												11.2	
	32.5	25.6	22.1	7.6	1.0							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION SHESTERBERG NL 66-77 YEARS UCT MONTH 0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.3	.3	.3								1.7	5.2
NNE	.5	1.0	.6	.5								2.7	6.6
NE	.8	2.4	1.3	.3								4.7	5.7
ENE	.8	.9	.6									2.3	4.8
E	2.9	4.3	2.8	.1								10.2	5.0
ESE	1.3	2.3	.8									4.3	4.5
SE	2.5	1.8	.1									4.5	3.5
SSE	4.6	2.7	1.3									8.5	3.8
S	4.7	2.9	2.3	.6								10.6	5.1
SSW	1.8	2.5	1.8	1.1								7.3	6.0
SW	.6	2.0	2.3	1.8	.3							7.0	8.3
WSW	.3	1.0	1.1	1.9	.9							5.2	11.0
W	.6	2.5	2.0	.8	.5							6.5	7.9
WNW	1.4	.8	1.0			.1						3.3	5.6
NW	1.0	.3	.3	.1	.1							1.8	5.8
NNW	.6	.6	.3									1.5	4.2
VARBL	7.3											7.3	1.5
CALM												10.7	
	32.6	28.4	18.9	7.5	1.8	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 785

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUFSTERBERG NL
STATION NAME

48-77
YEARS

1107
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7	.2	.4								1.8	6.2
NNE	.2	1.3	.6									2.2	5.7
NE	.5	1.6	1.3	.5								3.8	6.6
ENE	.8	.8	1.1									2.8	5.4
E	2.8	3.6	3.0									9.3	5.3
ESE	2.9	2.5	.7									6.1	3.9
SE	2.3	1.2	.6									4.3	4.1
SSE	3.5	3.0	1.9									8.4	4.4
S	4.7	4.9	1.7	.5								11.7	4.7
SSW	1.8	2.8	2.6	1.4								8.6	6.5
SW	1.3	1.7	1.6	3.1	.5							8.0	9.0
WSW	.5	2.3	.8	1.0	.5							5.0	8.5
W	1.2	2.2	2.2	1.2	.4							7.1	7.4
WNW	1.1	.6	.8	.2	.2	.1						3.1	7.6
NW	.6	.2	.4									1.2	4.4
NNW	.5			.1								.6	4.6
VARBL	7.1											7.1	1.4
CALM												9.0	
	32.1	29.3	19.7	8.4	1.4	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 836

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG NL
STATION NAME

48-77
YEARS

001
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.4	.3	.1							1.4	8.5
NNE	.7	.9	.8	.7								3.0	7.1
NE	.4	1.4	1.8	1.0								4.7	7.5
ENE	.4	.5	2.0	.3								3.1	7.0
E	.7	2.2	3.0	.7								6.5	6.9
ESE	1.2	2.5	1.7	.5								5.9	5.9
SE	1.4	2.4	1.4									5.2	4.9
SSE	1.4	3.7	1.8	.1								7.1	5.2
S	2.9	5.4	2.7	.7								11.6	5.5
SSW	2.2	3.5	2.9	2.1	.1							10.9	7.0
SW	1.0	2.5	3.5	3.7								10.7	8.7
WSW	.1	1.3	1.8	2.0	.3							5.5	9.8
W	.4	2.5	2.7	3.0	.7	.1						9.4	9.5
WNW	.3	1.0	1.0	.5	.3	.3						3.4	9.5
NW	.4	.5	.4	.3	.4							2.0	8.9
NNW	.5	.3	.3	.5	.1							1.7	7.9
VARBL	4.2											4.2	1.4
CALM												3.5	
	18.5	31.0	28.4	19.2	2.0	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 764

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06205
STATION

SHESTERBERG NL
STATION NAME

42-77
YEARS

0CT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.2	1.1								2.3	10.5
NNE		.7	1.3	1.2								3.3	9.2
NE	.1	1.2	1.9	1.5	.1							4.8	9.1
ENE		.6	.8	.7	.2							2.4	9.5
E	.6	2.1	4.0	2.2								8.8	8.2
ESE	.7	1.7	2.4	.7								5.6	7.2
SE	.6	1.5	1.6	.2								3.9	6.3
SSE	1.1	1.9	2.1	.2								5.3	6.2
S	1.6	3.4	3.5	1.0								9.5	6.4
SSW	.8	1.7	4.0	1.6	.1							8.2	8.1
SW	.1	3.0	3.6	5.1	.8							12.7	10.1
WSW	.4	1.5	2.2	3.6	.8							8.5	10.7
W	.4	1.3	3.9	4.4	1.1	.1						11.2	10.7
WNW	.1	.6	1.9	1.3	.5							4.5	10.5
NW		.5	1.0	1.2	.6							3.3	11.3
NNW		.1	.7	.7	.5							2.1	12.1
VARBL	3.2											3.2	1.6
CALM												.5	
	9.7	21.8	36.2	26.8	4.8	.1						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 425

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NL
STATION NAME

69-77
YEARS

11CT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	1.2	.8								3.0	8.6
NNE	.1	.8	1.7	.4								3.0	7.9
NE	.1	.9	2.6	2.6								6.2	9.6
ENE	.3	1.0	1.4	.5	.1							3.4	8.1
E	1.4	1.7	3.7	1.8								8.7	7.7
ESE	1.9	2.8	2.2	.1								7.1	5.3
SE	.4	1.3	1.7	.1								3.5	6.3
SSE	1.0	1.9	1.3									4.3	5.5
S	1.7	3.2	2.8	.2								8.3	5.9
SSW	1.0	1.7	2.7	1.9								7.4	7.9
SW	.9	2.6	3.5	3.4	.6							11.0	9.0
WSW	.6	2.3	2.8	2.7	.6							9.2	9.4
W	.1	2.1	2.2	4.7	.8							9.8	10.5
WNW	.3	1.2	1.6	1.7	.4	.4						5.4	10.7
NW	.1		.5	1.6	.3	.1						2.6	12.8
NNW	.3	.4	1.2	.9	.1							2.8	9.2
VARBL	2.6											2.6	1.7
CALM												1.9	
	13.0	24.8	33.1	23.6	3.0	.5						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

774

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 06265 STATION NAME SNESTERBERG NL YEARS 69-77 MONTH JCT
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.5	.6	.4								2.3	6.1
NNE	1.0	1.0	1.3	.4								3.6	6.3
NE	1.1	1.9	2.1	.8								5.9	6.9
ENE	.6	.5	1.3	.6								3.0	7.4
E	4.3	4.2	3.1	.5								12.2	5.2
ESE	1.1	1.6	.6									3.3	4.7
SE	1.8	1.0	.4									3.1	4.0
SSE	2.3	1.3	1.0	.1								4.7	4.6
S	4.1	2.5	3.0	.8								10.5	5.3
SSW	2.5	1.0	1.6	1.6								6.6	6.8
SW	1.9	3.3	1.4	2.5	.1							9.3	7.2
WSW	.7	1.6	2.8	1.0	.6							6.6	8.3
W	1.0	3.0	3.0	1.2	.4							8.6	7.5
WNW	1.0	1.9	1.1	.8								4.8	7.7
NW	.6	.5	1.1	.5	.1							2.8	7.9
NNW	.5	.2		.2								1.0	5.8
VARBL	4.6											4.6	1.3
CALM												7.1	
	29.9	25.9	24.4	11.5	1.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 829

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265
STATION

SUESTERBERG NL
STATION NAME

58-77
YEARS

(10)
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.3	.6	.1								1.8	5.6
NNE	1.0	.9	1.0	.8								3.7	6.9
NE	.8	1.9	1.5	.1								4.4	5.8
ENE	.1	.8	1.7	.1								2.7	7.6
E	2.8	3.9	3.9									10.5	5.6
ESE	2.7	2.2	.4									5.3	3.7
SE	2.3	1.2	.5									4.0	3.6
SSE	3.6	1.8	.9	.1								6.4	4.1
S	4.4	3.7	2.3	.8								11.2	5.1
SSW	1.2	3.2	2.2	1.2								7.7	6.5
SW	1.2	1.9	2.6	2.3	.3							8.2	8.2
WSW	.4	2.1	2.8	1.2	.3	.1						6.8	9.6
W	1.3	1.9	1.9	.3	.4							5.8	6.6
WNW	1.2	.8	.8	.3								3.0	5.3
NW	.6	.3	.4	.5								1.8	7.3
NNW	.4	.3	.6	.1	.1							1.5	7.3
VARBL	5.9											5.9	1.2
CALM												9.4	
	30.6	27.0	24.1	7.8	1.0	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 779

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION 06265 SLESTERBERG NL STATION NAME 68-77 YEARS 100 T MONTH ALL HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	A-AN WIND SPEED
N	.5	.4	.6	.4	.0							2.0	7.2
NNE	.5	1.0	1.0	.5								3.0	7.1
NE	.6	1.7	1.6	.9	.0							4.9	7.2
ENE	.4	.7	1.2	.3	.0							2.6	7.1
E	2.3	3.2	3.4	.7								9.5	6.1
ESE	1.8	2.2	1.2	.2								5.4	4.9
SE	1.8	1.4	1.0	.0								4.3	4.5
SSE	2.7	2.3	1.3	.1								6.4	4.6
S	3.6	3.7	2.6	.6								10.5	5.3
SSW	1.6	2.3	2.7	1.4	.0							8.0	7.0
SW	1.0	2.4	2.7	3.1	.3							9.5	8.7
WSW	.5	1.7	2.0	1.8	.6	.0						6.6	9.4
W	.8	2.1	2.5	2.0	.6	.0						7.9	8.8
WNW	.8	1.0	1.2	.6	.2	.1						3.9	7.9
NW	.5	.3	.6	.5	.2	.0						2.1	8.7
NNW	.4	.3	.4	.3	.1							1.5	7.7
VARBL	5.2											5.2	1.4
CALM												6.7	
	24.9	26.7	25.8	13.6	2.0	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 6429

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0626-
STATION

SIFSTEPBERG NL
STATION NAME

68-77
YEARS

N04
NORTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

C. EED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	.6	.2								1.9	5.7
NNE	.2	1.0	1.4	.2								2.9	6.9
NE	.1	.7	1.1	.5								2.5	8.1
ENE	.1	.9	1.1	.6								2.7	8.1
E	.4	.4	1.7									2.5	7.3
ESE	1.4	.4										1.7	2.7
SE	1.1	.7	1.1	.7								3.7	6.7
SSE	2.9	1.9	1.2	.5								6.5	4.9
S	1.9	5.0	4.4	1.2								12.4	6.4
SSW	.9	4.0	4.0	2.9	.2							11.9	7.9
SW	1.0	3.6	7.2	4.6	.5							16.7	9.1
WSW	.4	1.6	3.1	2.5	.5	.1						8.2	10.1
W		2.0	1.0	2.9	1.0							6.8	11.5
WNW	.4	.5	.9	2.5	.1							4.4	10.8
NW	.1	.2	.6	.6		.1						1.7	9.9
NNW	.2	.5	.5	.2								1.5	7.3
VARBL	3.7											3.7	1.4
CALM												8.0	
	15.0	24.1	30.0	20.3	2.4	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 804

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SIESTERBERG NL
STATION NAME

68-77
YEARS

NDV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8	.9	.1								2.3	5.1
NNE	.4	.8	1.7	.3								3.1	5.2
NE	.3	.6	.5	.3								1.7	6.5
ENE	1	.4	1.0	.5								2.1	8.1
E	.4	.4	1.3									2.1	6.8
ESE	1.3	.3	.8									2.3	4.3
SE	1.0	1.2	.9	.1								3.2	5.3
SSE	2.8	2.6	1.7	.4								7.5	4.9
S	2.8	4.4	2.1	1.4								10.7	6.1
SSW	.9	2.4	6.4	2.3	.1							12.2	8.1
SW	2.3	3.0	6.7	5.5	.6							18.1	9.0
WSW	.3	1.3	2.3	2.8	.9	.1						7.7	10.8
W	1.0	2.2	2.8	3.1	.8	.4						10.3	9.6
WNW	.5	.9	.6	1.2	.1	.1						3.5	8.8
NW	.6	.3	.5	.5	.4							2.3	9.1
NNW	.5	.4	.3	.3								1.4	5.8
VARBL	3.2											3.2	1.6
CALM												6.4	
	19.0	21.7	30.5	18.8	3.0	.6						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 778

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

NNV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.9									1.6	6.5
NNE	.3	.8	1.1	.1								2.3	6.4
NE	.3	.5	1.1	.6								2.5	8.2
ENE	.4	.6	.8	.3								2.0	7.0
E	.5	.4	1.3	.1								2.3	6.6
ESE	.6	.4	.5									1.5	5.2
SE	1.8	1.1	1.0									3.9	4.5
SSE	2.5	3.3	1.8	.4								8.0	5.2
S	2.7	5.4	3.7	.6	.3							12.7	5.9
SSW	1.4	4.4	5.4	2.4								13.7	7.4
SW	1.6	2.5	6.2	2.4	1.3							17.1	9.7
WSW	.5	1.4	2.0	3.2	.8	.1						8.0	10.3
W	.1	1.5	3.4	2.3	.5	.1						8.0	9.9
WNW	.5	1.1	1.0	.4	.1							3.2	7.4
NW	.4	1.3	.4	.6								2.7	7.2
NNW	.4	1.5										1.9	4.5
VARBL	3.8											3.8	1.4
CALM												4.9	
	17.8	27.0	30.6	16.5	2.9	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 790

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

N1°V
MOUTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	.7	.4								2.2	7.3
NNE	.3	1.2	1.1	.1								2.7	6.1
NE	.3	.8	1.0	.7								2.7	7.5
ENE		.4	1.2	1.1								2.7	9.3
E	.4	.8	.4	.5								2.2	6.8
ESE	.5	.1	.5	.3								1.5	6.7
SE	1.2	.7	1.1	.3								3.3	5.8
SSE	1.2	2.7	2.6	.5								7.1	6.5
S	2.9	3.0	5.3	1.4								12.5	6.7
SSW	1.5	3.1	5.3	3.9	.1							14.0	8.4
SW	1.8	3.0	4.5	4.5	1.1	.1						15.4	9.1
WSW	.1	1.8	4.5	3.8	.4	.1						10.7	10.2
W		1.2	2.3	3.1	2.9	.3						9.8	12.7
WNW	.1	1.1	1.5	.4	.4							3.5	8.8
NW	.1	.5	.5	1.1	.4							2.7	11.0
NNW	.7	.3	.7	.5								2.2	7.0
VARBL	2.3											2.3	1.4
CALM												2.6	
	13.5	21.9	33.6	22.7	5.3	.5						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 736

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SMESTERBERG NL
STATION NAME

58-77
YEARS

NFLV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	1.3	.9	.1							3.2	3.2
NNE		.3	1.3	.8								2.3	9.4
NE	.3	.5	2.5	.8								4.1	8.2
ENE	.1	.5	1.0	.9								2.5	9.1
E	.6	.8	.3	.9								2.5	8.0
ESE	.3	.3	.5	.4								1.3	8.4
SE		.4	1.1	.4								1.9	7.5
SSE	.6	1.4	2.7	.4								5.1	6.9
S	1.3	4.1	5.6	1.3								12.2	7.1
SSW	1.3	2.4	4.3	5.3	.6							14.0	9.5
SW	.4	3.9	4.2	6.1	.6							15.2	9.7
WSW	.6	1.4	2.8	4.4	1.5	.3	.1					11.2	11.7
W	.3	1.0	2.3	5.6	2.3	1.3						12.7	13.6
WNW	.1	.1	1.5	1.1	.6							3.6	11.5
NW	.1	.5	1.0	1.0	.4	.4						3.4	12.4
NNW	.1	.5	.9	.9	.3							2.7	9.8
VARBL	1.3											1.3	1.4
CALM												.8	
	7.5	18.8	33.3	31.1	6.5	1.9	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 787

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SWEETERBERG ML

STATION NAME

69-77

YEARS

N33V
MORTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.0	1.0	.1							3.6	8.1
NNE	.4	1.6	.7									2.7	5.6
NE	.3	1.0	2.1	.5								3.8	7.8
ENE	.4	.3	1.0	.7								2.3	8.8
E	.3	1.0	.4	.4								2.1	7.3
ESE	.1	.5	.7									1.4	6.0
SE	.5	.5	1.4	.5								3.0	7.5
SSE	1.1	1.6	1.4	.7								4.8	6.4
S	2.1	2.5	4.7	.8								10.0	6.7
SSW	2.3	2.7	3.4	2.9	.4							11.8	8.1
SW	1.1	3.7	5.9	5.8	.8							17.3	9.2
WSW	.8	1.9	3.2	4.3	1.1	.1						11.4	10.5
W	.3	1.6	3.0	5.1	2.3							12.4	11.6
WNW	.7	.5	1.1	1.2	.8	.1						4.5	10.6
NW	.5	.5	1.0	1.2	.3							3.6	9.7
NNW		.5	.5	.8								1.9	9.9
VARBL	1.0											1.0	1.9
CALM												2.3	
	12.2	22.0	31.3	26.0	5.9	.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

728

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SOESTERBERG NL
STATION NAME

60-77
YEARS

RETV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	.5	.3								2.0	6.2
NNE	.4	1.4	1.3	.1								3.2	6.0
NE	.8	.6	2.3	.4								4.1	7.2
ENE		.5	.8	.4								1.6	8.2
E	.5	.9	1.1	.3								2.8	7.0
ESE	.5	1.3	.1									1.9	4.2
SE	1.3	1.5	1.3	.6								4.7	6.2
SSE	1.9	1.9	1.4	.4								5.6	5.5
S	3.4	3.8	3.2	1.6								12.1	6.2
SSW	2.3	4.2	4.3	3.2	.4							14.3	7.7
SW	1.0	4.6	4.1	4.8	1.4							15.9	9.3
WSW	.3	1.9	2.7	1.5	.4	.6						7.4	10.2
W	.5	1.8	2.9	3.2	1.0	.3	.3					9.6	10.7
WNW	.3	.9	1.0	.5	.6	.3	.1					3.7	11.6
NW	1.1	.1	.3	.8	.1							2.4	7.2
NNW	.5	.8	.3	1.0								2.5	7.9
VARBL	1.6											1.6	1.2
CALM												4.6	
	16.6	27.2	27.4	19.0	3.9	1.1	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

788

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NI
STATION NAME

68-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	.3	.1								1.6	5.3
NNE	.5	1.1	1.1	.1								2.8	6.0
NE	.1	.9	1.9	.7								3.7	8.0
ENE	.3	.4	.9	.3								1.9	7.5
E	.3	.8	.9	.1								2.2	6.2
ESE	.5	.7	.1									1.4	4.4
SE	1.1	.8	.8	.4								3.1	5.9
SSE	1.1	1.6	2.2	1.1								6.0	7.1
S	2.6	4.9	4.5	2.0								14.0	6.6
SSW	1.0	2.8	2.8	3.0	.1							10.4	8.0
SW	.9	4.1	6.8	5.1	.9							17.9	9.3
WSW	.5	1.8	2.4	3.0	.7		.1					8.5	10.0
W	.7	1.5	1.9	2.2	1.4	.5						8.1	11.3
WNW	.8	.3	.8	1.4	.4							3.7	10.0
NW	.3		.5	1.2	.1	.1						2.3	11.9
NNW	.1	.4	1.1	.8								2.4	8.9
VARBL	3.4											3.4	1.4
CALM												6.6	
	15.3	22.9	29.1	21.5	3.7	.7	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

738

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION SUESTERBERG NL 44-77 YEARS NOV MONTH ALL HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	.8	.4	.0							2.3	7.2
NNE	.3	1.0	1.2	.2								2.7	6.7
NE	.3	.7	1.6	.6								3.1	7.7
ENE	.2	.5	1.0	.6								2.2	8.3
E	.4	.7	.9	.3								2.3	7.0
ESE	.7	.5	.4	.1								1.6	5.1
SE	1.0	.9	1.1	.4								3.4	6.1
SSE	1.8	2.1	1.9	.5								6.3	5.8
S	2.4	4.1	4.1	1.3	.0							12.1	6.5
SSW	1.5	3.3	4.5	3.2	.3							12.8	8.2
SW	1.3	3.5	5.7	5.2	.9	.0						16.7	9.3
WSW	.4	1.6	2.9	3.2	.8	.2	.0					9.1	10.5
W	.4	1.6	2.5	3.4	1.5	.4						9.7	11.5
WNW	.4	.7	1.1	1.1	.4	.1	.0					3.7	10.0
NW	.4	.4	.6	.9	.2	.1						2.6	9.9
NNW	.3	.6	.5	.6	.0							2.1	7.8
VARBL	2.6											2.6	1.4
CALM												4.6	
	14.7	23.2	30.7	21.9	4.2	.7	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 6149

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION SOESTERBERG NL 57-76 YEARS DEF MONTH
STATION NAME CLASS 0000-0700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	.8									1.8	6.1
NNE	.3	.4	.4									1.0	5.4
NE	.1	2.1	1.7	.6								4.5	7.4
ENE	.1	1.2	.8	1.2	.1							3.3	9.1
E	1.4	1.2	2.7	.9								6.2	6.8
ESE	.8	.4	1.0									2.2	5.4
SE	1.0	.5	.9	.3								2.7	5.8
SSE	2.2	1.3	.8	.8								5.0	5.4
S	2.2	3.1	3.0	1.0	.1							9.4	6.3
SSW	1.8	3.5	4.2	3.0	.3							12.7	7.8
SW	.5	4.0	6.3	4.1	.3							15.2	8.7
WSW	.9	1.3	2.2	4.1	.1							8.6	9.4
W	.4	.6	4.0	2.6	.8	.3						8.6	10.4
WNW	.4	.1	1.3	.5	.4	.3	.1					3.1	12.0
NW		.4	.3	.4		.3						1.3	12.3
NNW	.5	.5	.4	.1								1.5	6.2
VARBL	2.6											2.6	1.6
CALM												10.3	
	15.4	21.2	30.6	19.5	2.1	.8	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 778

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SIESTEBERG NL

STATION NAME

57-76

YEARS

DEC
MONTH

ALL WEATHER

CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.7	.1								1.9	5.8
N-NE	.3	.3	.7	.7								1.9	8.6
NE	.4	1.2	1.5	.5								3.6	6.9
ENE	.4	.5	1.3	1.6	.1							4.0	10.0
E	1.1	1.1	2.0	.5								4.7	6.5
ESE	.5	.3	.5									1.3	5.0
SE	1.2	.8	1.1									3.1	4.9
SSE	1.7	1.6	2.0	.1								5.5	5.6
S	2.3	2.5	2.9	.7								8.4	6.0
SSW	1.7	4.3	5.2	2.4	.3							13.9	7.5
SW	1.6	3.6	6.1	3.5	.8	.1						15.7	8.6
WSW	.5	1.3	3.1	2.9	.5							8.4	9.8
W	.5	.7	3.5	2.4	.8	.1						8.0	10.4
WNW	.3	.5	1.2	.8	.4	.3						3.5	11.5
NW	.5	.3	.9	.4		.1						2.3	8.8
NNW	.7	.1	.1	.3	.1							1.3	7.2
VARBL	4.7											4.7	1.3
CALM												8.0	
	18.8	19.7	32.8	16.9	3.1	.7						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 750

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0626
STATION

SUFSTERBERG NL

STATION NAME

67-76

YEARS

DEC

MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.1	.5	.1								1.2	6.0
NNE	.5	.7	1.0	.6								2.9	7.5
NE	.6	.7	1.7	.4								3.5	6.7
ENE	.2	1.5	.7	1.4	.1							4.0	9.5
E	1.1	1.7	2.9	.5								6.2	6.7
ESE	.6	.6	.9	.1								2.2	5.8
SE	.6	.5	.7									1.9	5.0
SSE	2.1	1.9	1.7	.4								6.1	5.3
S	2.1	2.0	4.0	.9								9.0	6.4
SSW	1.0	4.5	5.2	2.5								13.2	7.5
SW	.6	3.4	5.7	2.6	.7	.1						13.2	9.0
WSW	.2	2.2	3.1	2.5	.5	.5						9.1	10.1
W	.1	1.5	2.6	2.6	1.7	.1	.1					8.8	11.6
WNW	.4	.6	.9	.4	.1							2.4	8.5
NW	.1	.2	.6	.9								1.9	9.3
NNW	.2	.4	1.1	.2	.1							2.1	8.3
VARBL	4.1											4.1	1.4
CALM												8.2	
	15.3	22.7	33.5	16.1	3.4	.7	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 803

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265 STATION SIEFSTERBERG NL STATION NAME 67-76 YEARS DEC
NORTH
CLASS ALL WEATHER
HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3	1.2	.4								2.4	7.0
NNE	.1	1.6	.7	.4								2.8	6.6
NE	.1	1.6	1.2	.3								3.2	6.7
ENE	.2	.9	.9	1.1	.3							3.5	9.4
E	.8	1.3	3.0	.4	.3	.1						5.9	7.5
ESE	1.6	.5	.8									3.0	4.0
SE	.8	.7	.8	.1								2.4	5.8
SSE	1.2	.8	2.3	.8								5.1	7.3
S	.9	3.4	4.2	1.2	.1							9.8	7.4
SSW	1.3	3.1	4.7	2.7	.1							12.0	8.0
SW	1.1	3.2	5.4	5.0	.1	.1						14.9	9.1
WSW	.3	1.6	3.4	3.4	.4	.7						9.7	10.7
W	.7	1.9	3.1	1.7	1.6	.1						9.2	10.1
WNW	.5	.3	1.3	.1	.7							3.0	9.6
NW	.4	.5	.7	.5								2.2	7.5
NNW	.3	.5	.7									1.5	6.7
VARBL	3.4											3.4	1.4
CALM												6.1	
	14.4	22.3	34.3	18.2	3.6	1.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 743

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTEPBERG NL
STATION NAME

67-76
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5	.9	.9	.1							2.8	9.0
NNE	.4	.9	1.8	.4		.1						3.6	7.7
NE	.4	1.2	.9	.8								3.2	7.2
ENE	.1	.4	.9	1.4	.6							3.5	11.8
E	.9	1.8	2.9		.1							5.8	6.4
ESE	1.3	.8	.9	.1								3.1	5.0
SE	.6	.8	1.3	.1								2.8	6.0
SSE	1.2	1.4	1.7	.4								4.6	6.1
S	1.9	2.3	3.5	2.4								10.1	7.5
SSW	1.0	2.3	4.0	4.0	.1							11.4	8.7
SW	.9	2.4	6.0	4.6	.5	.1						14.6	9.4
WSW	.8	1.8	3.3	2.8	.9	.1						9.7	9.9
W	.9	.8	2.4	3.1	1.2	.5						8.8	11.5
WNW	.6	.6	1.2	1.3	.8		.1					4.6	10.9
NW	.4	.1	1.2	1.0	.1	.1						2.9	10.2
NNW	.4	.8	.9	.9	.1							3.1	8.6
VARBL	3.2											3.2	1.8
CALM												2.1	
	15.4	18.8	33.7	24.2	4.6	1.0	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 780

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NL

STATION NAME

67-76

YEARS

DEC

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.4	.8	.9	.7	.3							3.1	9.6
NNE	.3	1.3	.8	.3								2.7	6.5
NE	.4	.7	1.5	1.1								3.6	8.3
ENE	.4	.5	1.1	.7	.5							3.2	9.8
E	1.6	1.3	2.4	.7	.1							6.1	6.6
ESE	.8	.9	.7									2.4	4.7
SE	.4	1.6	1.9	.3								4.1	7.0
SSE	1.2	2.0	1.1	.1								4.4	5.2
S	3.2	1.7	2.3	2.3								9.5	6.7
SSW	1.5	2.9	4.0	2.9								11.4	7.9
SW	.4	3.2	5.2	4.3	.3							13.4	9.0
WSW	.4	1.3	3.3	2.5	.8	.3						8.7	10.2
W	.7	.9	2.8	4.0	1.3	.4						10.2	11.3
WNW	.4	.7	.9	1.5	.1	.3						3.9	10.3
NW	.1	.4	.5	.5	.1	.3						1.7	9.7
NNW	.8	1.9	1.9	.8	.3							5.6	7.4
VARBL	2.5											2.5	1.6
CALM												3.5	
	15.5	22.3	31.3	22.6	3.9	.9						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

748

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SUESTERBERG NL
STATION NAME

67-76
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	.4	.1								2.5	5.5
NNE	.8	.9	.3									1.9	4.1
NE	1.3	1.3	2.1	.4								5.0	6.5
ENE	.3	.1	1.4	1.2	.1	.1						3.2	10.4
E	1.6	2.3	2.3	.3	.5							7.0	6.5
ESE	.8	.4	.8									1.9	5.3
SE	1.3	1.4	1.4	1.0								5.2	6.7
SSE	2.1	1.7	1.9	.3								5.9	5.6
S	1.6	3.0	3.2	.9	.1							8.8	6.7
SSW	.9	1.3	4.9	1.4								8.5	8.0
SW	.5	4.0	4.5	3.4	.6							13.0	8.8
WSW	.3	1.8	3.1	2.6	.8							8.5	9.8
W	.5	1.8	3.5	3.2	.6	.1						9.8	9.7
WNW	.6	.4	1.2	.9	.8	.1						4.0	10.7
NW	.5	.5	.1	.1	.1							1.4	6.1
NNW	2.2	1.0	.4	1.0	.1							4.8	5.9
VARBL	3.1											3.1	1.5
CALM												5.3	
	19.0	23.1	31.5	16.8	3.9	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

774

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

06265 STATION 06265 SIOESTERBERG NL STATION NAME 67-76 YEARS DEC NORTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.1									1.5	4.4
NNE	.5	.8	.1	.1								1.6	4.7
NE	.4	.5	1.6	.4								2.9	7.5
ENE	.5	.9	1.5	.5	.1							3.6	7.6
E	.7	.8	2.1	1.1	.3							4.9	8.6
ESE	.7	1.1	.3									2.0	4.0
SE	1.2	.7	1.9	.3								4.0	6.2
SSE	2.3	1.3	1.6	.4								5.6	5.4
S	1.6	3.2	3.4	1.2	.1							9.5	6.8
SSW	1.2	3.0	4.1	2.3	.1							10.7	7.8
SW	.1	2.8	5.7	4.0								13.0	9.4
WSW	.4	1.1	3.4	3.6	.4	.1						9.0	10.2
W	.4	2.0	4.8	4.0	.1	.1						11.4	9.7
WNW	.8	.8	1.2	.8	.4	.1						4.1	8.5
NW	.1	.3		.3	.3							.9	11.3
NNW	.4	.5	.8	.5								2.3	7.8
VARBL	3.0											3.0	1.3
CALM												10.1	
	15.0	20.4	22.6	19.3	2.3	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 755

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

06265
STATION

SOESTERBERG NL
STATION NAME

67-76
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.6	.7	.3	.0							2.1	6.9
NNE	.4	.9	.7	.3		.0						2.3	6.6
NE	.5	1.2	1.5	.6								3.7	7.1
ENE	.3	.8	1.1	1.1	.3	.0						3.5	9.7
E	1.1	1.5	2.5	.5	.2	.0						5.9	6.9
ESE	.9	.6	.7	.0								2.3	4.9
SE	.9	.9	1.2	.3								3.3	6.1
SSE	1.7	1.5	1.6	.4								5.3	5.7
S	2.0	2.6	3.3	1.3	.1							9.3	6.7
SSW	1.3	3.1	4.6	2.6	.1							11.7	7.5
SW	.7	3.3	5.6	3.9	.5	.1						14.1	9.0
WSW	.5	1.6	3.1	3.1	.6	.2						9.0	10.0
W	.5	1.3	3.3	3.0	1.0	.2	.0					9.3	10.6
WNW	.5	.5	1.1	.8	.5	.1	.0					3.6	10.3
NW	.3	.3	.5	.5	.1	.1						1.8	9.3
NNW	.7	.7	.8	.5	.1							2.8	7.2
VARBL	3.3											3.3	1.5
CALM												6.7	
	16.1	21.3	32.5	19.2	3.3	.8	.0					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 6131

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SDESTERBERG NL
STATION NAME

67-77
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	1.7	1.2	.1	.0						4.6	8.2
NNE	.5	1.4	2.4	1.4	.1	.0						5.8	8.3
NE	.6	1.7	2.6	1.4	.1	.0						6.5	8.1
ENE	.4	.9	1.3	.9	.1	.0						3.6	8.4
E	1.1	1.7	2.7	1.3	.1	.0						6.9	7.5
ESE	.9	1.2	1.1	.3	.0							3.4	5.9
SE	1.0	1.0	1.0	.3	.0							3.2	5.8
SSE	1.6	1.4	1.3	.4	.0							4.6	5.5
S	1.9	2.7	2.5	.9	.0							8.1	6.3
SSW	1.0	2.2	2.9	1.3	.1	.0						7.5	7.5
SW	.7	2.1	3.5	2.6	.3	.0	.0					9.3	8.9
WSW	.4	1.4	2.3	2.5	.5	.1	.0	.0				7.2	10.1
W	.8	1.7	2.6	2.6	.6	.1	.0	.0				8.5	9.6
WNW	.6	1.0	1.4	1.3	.3	.1	.0	.0				4.8	9.1
NW	.4	.7	1.0	.8	.1	.0	.0					3.2	8.6
NNW	.5	.6	.9	.6	.1	.0						2.8	7.8
VARBL	3.8	.0	.0									3.8	1.6
CALM												6.2	
	16.9	22.9	31.1	19.8	2.7	.4	.0	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

75116

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

06265
STATION

SNESTEPBERG NL
STATION NAME

67-77
YEARS

ALL
MONTH

INSTRUMENT
CLASS

ALL
HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.8	1.0	.5	.0							2.9	7.1
NNE	.5	1.3	1.9	.8	.1	.0						4.6	7.7
Nc	.7	1.5	2.3	.9	.1	.0						5.5	7.6
ENE	.6	1.1	1.6	.7	.1	.0						4.1	7.6
E	1.7	2.3	3.1	.9	.0	.0						8.1	6.6
ESE	1.4	1.6	1.2	.1								4.3	5.1
SE	1.6	1.4	1.0	.2								4.2	5.1
SSE	2.5	2.1	1.3	.3								6.2	4.9
S	2.8	3.5	2.6	.9	.0							9.8	5.7
SSW	1.4	2.8	3.3	1.3	.1							8.9	7.1
SW	.9	2.7	4.1	2.8	.3	.0						10.9	8.6
WSW	.5	1.5	2.2	2.6	.5	.1	.0					7.3	10.0
W	.8	1.4	1.9	1.4	.1	.0	.0	.0				5.6	8.2
WNW	.5	.8	.8	.4	.1	.0		.0				2.5	7.2
NW	.4	.5	.5	.3	.0	.0	.0					1.7	7.3
NNW	.4	.5	.4	.2	.0							1.7	6.4
VARBL	4.7	.0										4.7	1.5
CALM												7.0	
	21.9	25.8	29.1	14.5	1.5	.2	.0	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 22049

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100					95.4		96.9			98.3						100.0
≥ 0																

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

8-77

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	3.1	10.2	11.9	12.7	16.0	18.1	19.1	21.3	22.4	23.4	24.7	24.8	25.2	25.7	25.7	26.1
≥ 20000	3.5	11.3	13.1	14.0	17.8	20.0	21.3	23.6	24.8	26.4	27.8	27.9	28.3	28.8	28.8	29.2
≥ 18000	3.5	11.3	13.1	14.0	17.8	20.0	21.3	23.6	24.8	26.4	27.8	27.9	28.3	28.8	28.8	29.2
≥ 16000	3.5	11.3	13.1	14.0	17.8	20.0	21.3	23.6	24.8	26.4	27.8	27.9	28.3	28.8	28.8	29.2
≥ 14000	3.5	11.3	13.1	14.0	17.8	20.0	21.3	23.6	24.8	26.4	27.8	27.9	28.3	28.8	28.8	29.2
≥ 12000	3.5	11.3	13.1	14.0	17.8	20.0	21.3	23.6	24.8	26.4	27.8	27.9	28.3	28.8	28.8	29.2
≥ 10000	3.6	12.0	13.8	14.7	18.6	20.7	22.0	24.5	25.7	27.3	28.7	28.8	29.2	29.7	29.7	30.1
≥ 9000	3.6	12.2	14.0	14.9	19.1	21.3	22.5	25.2	26.5	28.0	29.4	29.6	30.0	30.5	30.5	30.9
≥ 8000	3.6	12.2	14.0	15.2	19.7	22.4	23.8	27.0	28.6	30.1	31.5	31.6	32.0	32.7	32.7	33.0
≥ 7000	3.6	12.3	14.1	15.4	19.8	22.5	23.9	27.1	28.7	30.2	31.6	31.8	32.1	32.8	32.8	33.2
≥ 6000	3.6	12.3	14.1	15.4	19.8	22.7	24.1	27.3	28.8	30.3	31.8	31.9	32.3	32.9	32.9	33.3
≥ 5000	4.1	13.3	15.2	16.6	21.4	24.5	26.0	29.8	31.4	32.9	34.3	34.4	34.8	35.5	35.5	35.9
≥ 4500	4.1	14.7	16.8	18.2	23.8	27.0	28.6	32.5	34.1	35.6	37.0	37.1	37.5	38.3	38.3	38.7
≥ 4000	5.4	17.2	19.5	21.0	27.9	31.4	32.9	37.1	38.8	40.5	41.9	42.0	42.4	43.1	43.1	43.5
≥ 3500	5.5	18.7	21.0	22.7	30.0	33.8	35.5	39.7	41.4	43.1	44.6	44.8	45.6	46.4	46.4	46.7
≥ 3000	5.8	20.5	22.9	24.7	32.5	36.6	38.7	43.5	45.2	47.0	48.4	48.7	49.4	50.2	50.2	50.5
≥ 2500	5.9	21.4	24.1	25.9	34.8	39.1	41.1	46.2	48.1	50.1	51.5	51.7	52.8	53.5	53.5	53.8
≥ 2000	6.5	23.6	26.5	28.3	38.3	42.5	44.8	50.1	52.2	54.2	55.6	55.8	56.9	57.6	57.6	58.0
≥ 1800	6.5	23.9	27.5	29.3	39.4	43.8	46.1	51.3	53.5	55.4	56.9	57.1	58.1	58.9	58.9	59.3
≥ 1500	6.5	24.7	28.8	30.7	41.2	46.0	48.8	54.2	56.6	58.6	60.2	60.4	61.5	62.2	62.2	62.7
≥ 1200	6.7	25.2	30.0	32.1	43.8	49.0	52.2	58.0	60.7	62.7	64.4	64.7	65.7	66.6	66.6	67.1
≥ 1000	6.7	25.4	30.1	32.3	44.6	50.6	54.3	60.1	62.9	64.9	66.6	66.8	67.9	68.8	68.8	69.3
≥ 900	6.7	25.5	30.3	32.8	45.7	52.0	56.2	62.1	64.9	67.0	68.6	68.9	69.9	70.8	70.8	71.3
≥ 800	6.7	25.6	30.5	33.2	46.4	52.9	57.5	63.9	67.0	69.3	70.9	71.2	72.2	73.1	73.1	73.6
≥ 700	6.7	25.6	30.6	33.4	47.1	54.0	59.5	66.2	69.4	72.3	74.0	74.3	75.3	76.3	76.3	76.8
≥ 600	6.7	25.7	30.9	33.7	48.1	55.4	61.2	69.4	72.7	75.7	77.6	78.0	79.0	80.0	80.0	80.5
≥ 500	6.7	25.7	30.9	33.8	48.9	56.6	62.9	71.7	75.4	78.6	80.8	81.7	83.0	84.0	84.0	84.5
≥ 400	6.7	25.7	31.0	33.9	49.3	57.1	63.6	73.1	77.6	81.6	84.4	85.9	87.3	88.3	88.3	89.0
≥ 300	6.7	25.7	31.0	33.9	49.3	57.2	63.9	73.9	79.3	84.0	87.1	89.1	91.3	92.3	92.3	93.1
≥ 200	6.7	25.7	31.0	33.9	49.3	57.2	63.9	73.9	79.4	84.4	87.7	89.9	92.7	94.4	94.9	96.3
≥ 100	6.7	25.7	31.0	33.9	49.3	57.2	63.9	73.9	79.4	84.4	87.7	89.9	92.7	94.8	95.5	96.4
≥ 0	6.7	25.7	31.0	33.9	49.3	57.2	63.9	73.9	79.4	84.4	87.7	89.9	92.7	94.8	95.5	96.4

TOTAL NUMBER OF OBSERVATIONS

781

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥0	≥0
NO CEILING	3.0	10.0	11.1	11.9	14.0	16.1	17.3	20.6	21.9	23.1	23.5	23.6	23.8	24.0	24.0	24.8
≥ 20000	3.4	11.3	12.6	13.4	16.1	18.2	19.4	22.9	24.3	25.8	26.2	26.5	26.6	26.9	26.9	27.7
≥ 18000	3.4	11.3	12.6	13.4	16.1	18.2	19.8	23.3	24.7	26.2	26.6	26.9	27.0	27.3	27.3	28.1
≥ 16000	3.4	11.3	12.6	13.4	16.1	18.2	19.8	23.3	24.7	26.2	26.6	26.9	27.0	27.3	27.3	28.1
≥ 14000	3.4	11.3	12.6	13.4	16.1	18.2	19.8	23.3	24.7	26.2	26.6	26.9	27.0	27.3	27.3	28.1
≥ 12000	3.4	11.3	12.6	13.4	16.1	18.2	19.8	23.3	24.7	26.2	26.6	26.9	27.0	27.3	27.3	28.1
≥ 10000	4.0	12.8	14.2	15.0	17.8	20.4	22.0	25.5	26.9	28.5	28.9	29.1	29.3	29.6	29.6	30.4
≥ 9000	4.3	13.2	14.6	15.4	18.4	20.9	22.5	26.0	27.4	29.0	29.4	29.7	29.8	30.1	30.1	30.9
≥ 8000	4.3	13.2	14.6	15.4	18.5	21.5	23.1	27.1	28.6	30.2	30.6	30.9	31.0	31.3	31.3	32.1
≥ 7000	4.3	13.4	14.7	15.5	18.6	21.6	23.2	27.3	28.7	30.4	30.8	31.0	31.2	31.4	31.4	32.3
≥ 6000	4.3	13.4	14.7	15.5	18.6	21.9	23.5	27.5	29.0	30.6	31.0	31.3	31.4	31.7	31.7	32.5
≥ 5000	4.9	14.7	16.1	17.0	20.6	24.4	26.2	30.6	32.1	33.7	34.1	34.4	34.5	34.8	34.8	35.6
≥ 4500	5.4	16.2	17.5	18.5	22.7	26.5	28.3	32.8	34.4	36.0	36.4	36.7	37.1	37.4	37.4	38.2
≥ 4000	6.3	18.1	19.4	20.4	25.2	29.1	31.0	35.6	37.2	39.0	39.5	39.8	40.2	40.5	40.5	41.3
≥ 3500	6.7	19.6	21.1	22.0	27.1	31.3	33.5	38.1	39.9	41.7	42.2	42.5	43.0	43.6	43.6	44.4
≥ 3000	7.0	20.8	22.7	23.9	30.0	34.5	37.2	42.0	44.1	46.2	46.8	47.4	47.9	48.4	48.4	49.3
≥ 2500	7.4	22.8	25.1	26.3	32.9	37.9	40.8	45.5	47.6	49.7	50.3	50.9	51.4	52.0	52.0	52.8
≥ 2000	7.6	23.9	26.5	28.5	37.0	42.4	45.5	50.6	53.2	55.3	56.1	56.7	57.2	57.9	57.9	58.7
≥ 1800	7.6	24.8	27.5	29.7	38.3	43.7	47.1	52.5	55.1	57.4	58.2	58.7	59.4	60.2	60.2	61.0
≥ 1500	7.6	25.9	28.9	31.4	41.7	47.2	50.9	56.4	59.1	61.4	62.6	63.2	63.8	64.6	64.6	65.5
≥ 1200	7.6	26.7	30.1	32.8	44.3	50.2	54.3	60.1	63.0	65.3	66.5	67.1	67.7	68.6	68.6	69.4
≥ 1000	7.7	27.1	30.6	33.3	45.3	51.4	56.0	61.9	64.9	67.2	68.4	69.0	69.9	70.7	70.7	71.5
≥ 900	7.7	27.7	31.3	34.4	47.1	53.2	58.2	64.1	67.3	69.8	71.0	71.5	72.5	73.3	73.3	74.1
≥ 800	7.7	27.8	31.4	34.7	47.9	54.3	59.8	66.3	69.6	72.1	73.4	74.0	74.9	75.7	75.7	76.5
≥ 700	7.7	27.9	31.7	35.0	48.9	55.5	61.5	68.6	72.1	74.6	76.0	76.5	77.7	78.5	78.5	79.4
≥ 600	7.7	28.1	31.8	35.1	49.5	56.1	62.5	70.0	73.7	76.7	78.1	78.7	80.0	80.8	80.8	81.6
≥ 500	7.7	28.1	31.8	35.1	49.8	56.5	63.2	71.3	75.8	78.9	80.4	81.0	82.3	83.1	83.1	83.9
≥ 400	7.7	28.1	31.8	35.1	49.9	57.0	63.7	72.7	77.9	81.8	83.4	83.9	85.6	86.4	86.4	87.2
≥ 300	7.7	28.1	31.8	35.1	49.9	57.1	64.0	73.7	79.3	84.3	86.4	87.7	90.7	92.0	92.0	93.0
≥ 200	7.7	28.1	31.8	35.1	49.9	57.1	64.0	73.7	79.9	84.5	86.6	88.0	91.5	94.3	94.3	97.3
≥ 100	7.7	28.1	31.8	35.1	49.9	57.1	64.0	73.7	79.9	84.5	86.6	88.0	91.8	94.7	95.5	99.7
≥ 0	7.7	28.1	31.8	35.1	49.9	57.1	64.0	73.7	79.9	84.5	86.6	88.0	91.8	94.7	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS

741

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

68-77

YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING	2.4	7.9	9.3	10.1	12.3	13.9	14.8	16.9	18.4	19.4	19.9	19.9	19.9	20.2	20.3	21.0
≥ 20000	2.4	8.7	10.4	11.4	14.6	16.8	18.0	20.1	21.7	23.0	23.6	23.6	23.6	23.9	24.0	24.7
≥ 18000	2.4	8.7	10.4	11.4	14.6	16.8	18.5	20.6	22.2	23.5	24.1	24.1	24.1	24.4	24.5	25.2
≥ 16000	2.4	8.7	10.4	11.4	14.6	16.8	18.5	20.6	22.2	23.5	24.1	24.1	24.1	24.4	24.5	25.2
≥ 14000	2.4	8.7	10.4	11.4	14.6	16.8	18.5	20.6	22.2	23.5	24.1	24.1	24.1	24.4	24.5	25.2
≥ 12000	2.4	8.7	10.4	11.4	14.6	16.8	18.5	20.6	22.2	23.5	24.1	24.1	24.1	24.4	24.5	25.2
≥ 10000	2.5	9.6	11.4	12.5	15.7	18.0	19.7	21.8	23.5	24.8	25.5	25.5	25.5	25.7	25.9	26.5
≥ 9000	2.5	9.6	11.4	12.5	15.9	18.1	20.1	22.3	24.0	25.3	26.1	26.1	26.1	26.4	26.5	27.2
≥ 8000	2.5	9.8	11.9	13.1	17.1	19.3	21.3	23.9	25.6	26.9	27.7	27.7	27.7	28.0	28.1	28.7
≥ 7000	2.5	9.8	11.9	13.1	17.1	19.4	21.4	24.0	25.7	27.0	27.8	27.8	27.8	28.1	28.2	28.9
≥ 6000	2.5	9.8	11.9	13.1	17.5	19.9	22.0	24.7	26.4	27.7	28.5	28.5	28.5	28.7	28.9	29.5
≥ 5000	3.0	10.8	12.9	14.3	19.6	22.3	24.7	27.6	29.3	30.6	31.4	31.4	31.4	31.6	31.8	32.4
≥ 4500	3.1	11.2	13.3	15.0	20.7	23.5	26.1	29.1	31.0	32.3	33.1	33.1	33.1	33.3	33.5	34.1
≥ 4000	4.2	13.1	15.4	17.2	23.1	26.0	29.0	32.0	33.9	35.3	36.1	36.1	36.2	36.6	36.7	37.4
≥ 3500	4.7	14.3	17.3	19.3	25.5	28.5	32.4	35.8	37.7	39.1	39.9	39.9	40.0	40.4	40.6	41.2
≥ 3000	5.5	17.1	20.6	22.7	29.3	32.7	36.9	40.7	42.5	44.0	44.9	45.0	45.1	45.5	45.7	46.3
≥ 2500	6.0	19.2	23.5	25.7	32.4	36.6	40.9	45.1	47.1	48.8	49.9	50.0	50.1	50.5	50.7	51.3
≥ 2000	6.3	20.9	25.3	27.7	35.6	39.9	44.8	49.1	51.2	53.0	54.2	54.3	54.5	54.9	55.0	55.6
≥ 1800	6.3	21.4	25.9	28.2	36.5	40.8	45.7	50.1	52.5	54.3	55.6	55.9	56.2	56.7	56.8	57.5
≥ 1500	6.4	22.4	27.2	29.7	38.5	42.9	48.2	53.3	55.9	57.9	59.2	59.4	59.7	60.2	60.4	61.0
≥ 1200	6.4	23.0	28.0	30.6	41.2	46.1	52.1	57.6	60.6	62.7	64.2	64.4	64.7	65.2	65.4	66.0
≥ 1000	6.4	23.2	28.2	30.8	42.5	48.0	54.2	59.7	62.7	65.0	66.4	66.7	66.9	67.5	67.6	68.2
≥ 900	6.6	24.0	29.3	31.9	43.7	49.6	55.9	61.9	65.2	67.5	68.9	69.3	69.6	70.1	70.2	70.9
≥ 800	6.6	24.4	29.7	32.3	44.1	50.4	57.0	63.1	66.7	68.9	70.3	70.7	71.0	71.5	71.7	72.3
≥ 700	6.6	24.5	29.9	32.5	44.9	52.0	58.7	65.0	68.5	71.0	72.6	73.0	73.2	73.8	73.9	74.5
≥ 600	6.6	24.5	30.2	32.8	46.2	53.4	60.9	68.6	72.7	75.3	77.0	77.4	77.7	78.2	78.3	79.0
≥ 500	6.6	24.5	30.2	32.8	46.6	53.9	61.9	70.2	74.7	77.8	79.8	80.3	80.7	81.4	81.5	82.2
≥ 400	6.6	24.5	30.2	32.8	46.7	54.1	62.3	71.0	76.2	80.3	82.7	83.6	84.4	85.3	85.6	86.2
≥ 300	6.6	24.5	30.2	32.8	46.7	54.1	62.3	71.8	78.0	82.9	86.2	88.3	90.4	91.9	92.3	93.0
≥ 200	6.6	24.5	30.2	32.8	46.7	54.1	62.3	71.8	78.1	83.3	86.7	88.8	91.6	94.1	94.8	96.7
≥ 100	6.6	24.5	30.2	32.8	46.7	54.1	62.3	71.8	78.1	83.3	86.7	88.8	91.6	94.5	95.7	99.6
≥ 0	6.6	24.5	30.2	32.8	46.7	54.1	62.3	71.8	78.1	83.3	86.7	88.8	91.6	94.5	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS

762

USAF ETAC

FORM
JUL 64

0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

60-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	1.3	5.5	6.7	7.9	11.1	12.2	13.2	13.6	15.3	16.4	16.5	16.7	17.0	17.1	17.5	17.5
≥ 20000	2.1	7.7	9.7	11.6	16.7	18.5	20.2	20.8	23.0	24.5	24.8	25.0	25.4	25.5	25.9	25.9
≥ 18000	2.1	7.7	9.7	11.6	16.7	18.5	20.3	20.9	23.1	24.8	25.1	25.2	25.7	25.8	26.2	26.2
≥ 16000	2.1	7.7	9.7	11.6	16.7	18.5	20.3	20.9	23.1	24.8	25.1	25.2	25.7	25.8	26.2	26.2
≥ 14000	2.1	7.9	9.8	11.8	17.0	18.8	20.6	21.2	23.4	25.1	25.4	25.5	25.9	26.1	26.5	26.5
≥ 12000	2.1	8.0	10.0	12.1	17.7	19.5	21.3	22.0	24.4	26.1	26.4	26.5	26.9	27.1	27.5	27.5
≥ 10000	2.8	9.1	11.2	13.3	19.2	21.0	23.4	24.3	26.8	28.5	28.8	28.9	29.3	29.5	29.9	29.9
≥ 9000	2.8	9.4	11.5	13.7	19.6	21.5	23.8	24.7	27.2	29.0	29.5	29.6	30.0	30.2	30.6	30.6
≥ 8000	2.9	9.7	11.8	14.3	20.5	22.3	25.0	25.8	28.3	30.2	30.6	30.7	31.1	31.3	31.7	31.7
≥ 7000	3.1	10.1	12.2	14.7	20.9	22.7	25.4	26.2	28.8	30.6	31.0	31.1	31.6	31.7	32.1	32.1
≥ 6000	3.1	10.1	12.2	14.7	21.0	23.1	26.1	26.9	29.5	31.3	31.7	31.8	32.3	32.4	32.8	32.8
≥ 5000	3.2	10.9	13.0	15.7	22.4	24.7	28.6	29.5	32.3	34.1	34.5	34.6	35.1	35.2	35.6	35.6
≥ 4500	3.5	11.8	13.9	16.5	23.6	26.2	30.6	31.6	34.4	36.2	36.6	36.7	37.2	37.3	37.7	37.7
≥ 4000	4.1	13.3	15.7	18.4	25.5	28.2	33.5	34.6	37.6	39.6	40.0	40.1	40.5	40.7	41.1	41.1
≥ 3500	4.5	14.6	17.1	19.8	27.1	29.7	35.3	36.9	39.8	41.8	42.2	42.4	42.8	42.9	43.3	43.3
≥ 3000	5.0	16.5	19.4	22.2	30.2	33.2	39.1	40.8	43.9	46.4	47.1	47.3	47.8	48.0	48.4	48.4
≥ 2500	5.5	18.2	21.2	24.4	33.2	36.4	42.8	44.7	47.8	50.4	51.2	51.3	52.0	52.2	52.6	52.6
≥ 2000	6.3	20.3	23.6	27.8	37.4	41.1	48.4	50.6	53.7	56.4	57.2	57.5	58.2	58.5	58.9	58.9
≥ 1800	6.6	21.0	24.4	28.6	38.4	42.1	49.4	51.6	54.7	57.5	58.3	58.6	59.5	59.6	60.0	60.2
≥ 1500	6.5	22.0	25.9	30.4	40.7	44.5	52.5	55.3	59.3	62.4	63.3	63.5	64.4	64.5	64.9	65.1
≥ 1200	6.9	22.4	26.6	31.4	42.2	46.4	54.7	57.6	62.1	65.6	66.5	66.8	67.6	67.7	68.2	68.3
≥ 1000	6.9	22.6	26.9	31.7	42.6	47.0	55.8	58.9	63.5	67.0	67.9	68.3	69.1	69.3	69.7	69.8
≥ 900	6.9	22.6	26.9	31.7	42.9	47.4	56.7	60.0	64.7	68.2	69.0	69.4	70.3	70.4	70.8	71.0
≥ 800	6.9	22.6	26.9	31.7	43.8	48.2	57.6	61.6	66.2	69.7	70.5	71.1	71.9	72.1	72.5	72.7
≥ 700	6.9	22.6	26.9	31.7	44.3	48.8	58.9	63.0	68.6	72.4	73.2	73.8	74.8	74.9	75.3	75.5
≥ 600	6.9	22.6	26.9	31.7	44.7	49.4	59.9	64.4	70.3	75.0	76.2	76.5	78.1	78.5	79.0	79.2
≥ 500	6.9	22.6	26.9	31.7	44.7	49.4	60.2	64.9	71.2	77.1	78.5	79.5	81.3	81.9	82.3	82.7
≥ 400	6.9	22.6	26.9	31.7	44.7	49.5	60.4	65.5	72.5	79.5	81.1	82.3	84.4	85.4	86.0	86.4
≥ 300	6.9	22.6	26.9	31.7	44.7	49.5	60.4	66.1	73.4	81.5	84.0	85.6	88.9	91.3	92.1	92.7
≥ 200	6.9	22.6	26.9	31.7	44.7	49.5	60.4	66.2	73.5	81.6	84.3	86.0	90.5	94.8	95.9	97.9
≥ 100	6.9	22.6	26.9	31.7	44.7	49.5	60.4	66.2	73.5	81.6	84.3	86.0	90.6	95.2	96.6	99.9
≥ 0	6.9	22.6	26.9	31.7	44.7	49.5	60.4	66.2	73.5	81.6	84.3	86.0	90.6	95.2	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS

713

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

STEFERBERG NJ

8-77

YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	2.7 5.1	6.4 11.3	7.2 13.0	8.3 14.2	10.7 19.1	10.9 19.9	11.7 21.6	12.7 23.2	14.3 25.2	14.8 25.9	14.8 26.6	15.7 26.6	15.8 27.1	16.0 27.4	16.0 27.4	16.2 27.5
≥ 18000 ≥ 16000	5.3 5.3	11.7 11.7	13.4 13.4	14.6 14.6	19.5 19.5	20.4 20.4	22.2 22.2	23.9 23.9	25.9 25.9	26.6 26.6	26.7 26.7	27.4 27.4	27.9 27.9	28.2 28.2	28.2 28.2	28.3 28.3
≥ 14000 ≥ 12000	5.3 5.3	11.9 11.9	13.5 13.5	14.8 14.8	19.8 20.0	20.7 21.0	22.7 23.0	24.4 24.7	26.4 26.7	27.1 27.4	27.2 27.5	27.9 28.2	28.4 28.7	28.7 29.0	28.7 29.0	28.8 29.1
≥ 10000 ≥ 9000	5.6 6.0	12.7 13.6	15.3 15.2	15.8 17.1	21.5 22.8	22.4 23.8	24.7 26.2	26.6 28.2	28.6 30.2	29.4 31.1	29.5 31.2	30.2 31.9	30.7 32.4	31.0 32.7	31.0 32.7	31.1 32.8
≥ 8000 ≥ 7000	6.0 6.0	14.0 14.0	15.6 15.6	17.5 17.5	23.5 23.6	24.6 24.7	27.6 27.8	29.5 29.8	31.5 31.8	32.4 32.7	32.6 32.8	33.2 33.5	33.8 34.0	34.0 34.3	34.0 34.3	34.2 34.4
≥ 6000 ≥ 5000	6.0 6.5	14.0 15.4	15.6 17.1	17.5 19.6	24.0 26.3	25.1 27.4	28.2 30.7	30.2 33.0	32.2 35.2	33.1 36.3	33.2 36.6	33.9 37.2	34.4 37.8	34.7 38.1	34.7 38.1	34.8 38.2
≥ 4500 ≥ 4000	6.8 7.2	15.9 16.6	17.8 18.4	20.4 21.1	27.1 28.3	28.3 29.5	32.3 34.3	35.0 37.4	37.4 39.8	38.6 41.0	38.9 41.3	39.5 41.9	40.1 42.5	40.3 42.7	40.3 42.7	40.5 42.9
≥ 3500 ≥ 3000	7.3 7.5	17.4 18.4	19.5 20.6	22.2 23.4	29.9 31.4	31.4 32.8	36.4 38.1	39.9 41.5	42.5 44.1	43.7 45.7	43.9 45.9	44.6 46.6	45.1 47.1	45.4 47.4	45.4 47.4	45.5 47.5
≥ 2500 ≥ 2000	8.9 10.4	21.1 24.8	23.4 27.2	26.3 30.4	35.1 39.8	36.7 41.7	42.1 47.3	45.5 50.9	48.2 53.8	49.8 55.4	50.1 55.7	50.7 56.3	51.3 56.9	51.5 57.1	51.5 57.1	51.7 57.3
≥ 1800 ≥ 1500	10.9 10.9	26.7 28.2	29.2 31.2	32.7 35.1	42.9 46.1	45.0 48.3	50.9 55.0	54.6 59.1	57.5 62.1	59.1 63.7	59.4 64.0	60.1 64.6	60.6 65.2	60.9 65.4	60.9 65.4	61.0 65.6
≥ 1200 ≥ 1000	10.9 10.9	29.6 29.8	33.0 33.5	37.1 37.8	48.5 49.4	50.7 51.8	58.2 59.8	62.6 64.5	65.7 67.7	67.6 69.8	67.8 70.2	68.6 71.2	69.2 71.7	69.4 72.0	69.4 72.0	69.6 72.1
≥ 900 ≥ 800	10.9 10.9	29.8 30.0	33.5 33.8	37.9 38.3	50.1 51.0	52.5 53.8	60.6 62.6	66.0 68.5	69.3 72.5	71.7 75.3	72.1 75.7	73.0 76.6	73.6 77.2	73.8 77.4	73.8 77.4	74.0 77.6
≥ 700 ≥ 600	10.9 10.9	30.3 30.3	33.8 34.0	38.3 38.6	51.5 52.3	54.5 55.3	63.8 64.8	70.2 71.4	74.5 76.0	77.6 80.2	78.0 81.2	79.0 82.4	79.6 83.0	79.8 83.8	79.8 84.0	80.0 84.2
≥ 500 ≥ 400	10.9 10.9	30.3 30.3	34.0 34.0	38.6 38.6	52.5 52.5	55.4 55.4	65.4 65.7	72.4 72.9	77.3 78.2	82.1 84.0	83.7 85.8	85.4 87.7	86.9 90.0	88.4 91.9	88.5 92.0	88.8 92.3
≥ 300 ≥ 200	10.9 10.9	30.3 30.3	34.0 34.0	38.6 38.6	52.5 52.5	55.4 55.4	65.7 65.7	73.2 73.3	78.9 79.0	85.8 86.1	87.9 88.3	90.0 90.5	92.8 93.6	95.6 96.9	96.1 98.2	96.7 99.3
≥ 100 0	10.9 10.9	30.3 30.3	34.0 34.0	38.6 38.6	52.5 52.5	55.4 55.4	65.7 65.7	73.3 73.3	79.0 79.0	86.1 86.1	88.3 88.3	90.5 90.5	93.6 93.6	97.2 97.2	98.5 98.5	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

749

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.2	8.1	8.8	9.0	9.8	11.3	12.8	14.1	15.3	16.6	16.6	16.6	16.8	17.0	17.0	17.1
≥ 20000	7.7	13.2	14.3	14.6	16.8	19.0	21.1	22.9	24.4	26.1	26.1	26.1	26.5	26.6	26.6	26.8
≥ 18000	7.9	13.7	14.8	15.0	17.2	19.4	21.5	23.3	24.8	26.6	26.6	26.6	27.0	27.2	27.2	27.3
≥ 16000	7.9	13.7	14.8	15.0	17.2	19.4	21.5	23.3	24.8	26.6	26.6	26.6	27.0	27.2	27.2	27.3
≥ 14000	7.9	13.8	14.9	15.2	17.5	19.7	21.9	23.7	25.2	27.0	27.0	27.0	27.4	27.6	27.6	27.7
≥ 12000	8.0	13.9	15.0	15.6	18.2	20.4	22.8	24.6	26.1	27.9	27.9	27.9	28.3	28.4	28.4	28.6
≥ 10000	8.0	14.8	16.3	17.0	19.7	22.2	25.2	27.4	29.1	30.9	30.9	30.9	31.3	31.4	31.4	31.6
≥ 9000	8.3	15.4	17.0	18.1	21.2	24.0	27.3	29.7	31.3	33.1	33.1	33.1	33.7	33.8	33.8	33.9
≥ 8000	8.3	16.0	17.9	19.0	22.3	25.7	29.2	31.9	33.5	35.3	35.3	35.4	35.4	36.0	36.1	36.3
≥ 7000	8.3	16.0	18.1	19.2	22.5	25.8	29.4	32.0	33.7	35.4	35.6	35.6	36.1	36.3	36.3	36.4
≥ 6000	8.6	15.4	18.5	19.6	22.9	26.2	29.8	32.4	34.1	35.9	36.0	36.0	36.6	36.7	36.7	36.8
≥ 5000	9.5	18.5	20.7	21.9	25.2	28.6	32.4	35.2	37.0	38.9	39.3	39.3	39.9	40.0	40.0	40.1
≥ 4500	10.1	20.1	22.5	24.0	27.6	30.9	35.4	38.2	40.1	42.1	42.5	42.5	43.0	43.2	43.2	43.3
≥ 4000	10.6	21.5	24.1	25.7	29.4	33.0	38.1	40.8	42.8	44.7	45.1	45.1	45.7	45.8	45.8	45.9
≥ 3500	11.0	22.9	25.5	27.0	30.9	34.6	40.4	43.3	45.2	47.3	47.7	47.7	48.3	48.4	48.4	48.6
≥ 3000	11.6	24.1	26.9	29.0	33.4	37.5	43.4	46.3	48.3	50.3	50.8	50.8	51.3	51.4	51.4	51.6
≥ 2500	12.0	26.1	29.0	31.0	36.4	40.7	46.8	49.7	51.7	53.8	54.2	54.2	54.8	54.9	54.9	55.0
≥ 2000	13.4	29.0	32.1	34.5	40.6	45.1	51.4	54.6	56.8	59.0	59.4	59.4	60.0	60.1	60.1	60.3
≥ 1800	13.5	29.9	33.2	35.7	42.6	47.2	53.7	57.0	59.2	61.5	61.9	61.9	62.5	62.6	62.6	62.8
≥ 1500	13.8	31.6	35.0	37.8	46.2	50.9	57.9	61.7	64.0	66.5	66.9	66.9	67.4	67.6	67.6	67.7
≥ 1200	13.9	32.6	36.0	38.9	48.4	53.4	61.4	65.5	68.1	70.8	71.3	71.3	71.9	72.0	72.0	72.1
≥ 1000	13.9	32.8	36.4	39.3	49.1	54.1	62.6	67.3	70.2	73.2	74.1	74.1	74.8	74.9	74.9	75.0
≥ 900	13.9	32.8	36.4	39.3	49.4	54.6	63.6	68.7	71.6	74.8	75.7	75.7	76.4	76.6	76.6	76.7
≥ 800	14.1	33.0	36.7	39.6	49.8	55.3	64.3	69.8	72.7	76.3	77.4	77.4	78.1	78.2	78.2	78.3
≥ 700	14.1	33.0	36.7	39.6	50.1	56.0	65.0	70.8	74.2	78.6	79.9	80.0	80.8	81.0	81.0	81.1
≥ 600	14.1	33.1	37.1	40.1	50.6	56.7	65.9	72.8	76.7	81.9	83.2	83.6	84.7	85.0	85.0	85.1
≥ 500	14.1	33.1	37.1	40.1	50.6	56.7	66.1	73.2	77.4	83.3	84.8	85.4	86.9	87.3	87.3	87.4
≥ 400	14.1	33.1	37.1	40.1	50.8	56.8	66.2	73.8	78.5	84.8	86.5	87.2	89.0	89.5	89.7	89.8
≥ 300	14.1	33.1	37.1	40.1	50.8	56.8	66.2	73.9	79.0	86.2	88.1	89.2	91.6	93.4	94.2	94.6
≥ 200	14.1	33.1	37.1	40.1	50.8	56.8	66.2	73.9	79.0	86.6	88.8	89.9	92.6	95.2	96.4	97.9
≥ 100	14.1	33.1	37.1	40.1	50.8	56.8	66.2	73.9	79.0	86.6	88.8	89.9	92.6	95.4	96.7	99.7
≥ 0	14.1	33.1	37.1	40.1	50.8	56.8	66.2	73.9	79.0	86.6	88.8	89.9	92.6	95.4	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS

725

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SDESTERBERG NJ

68-77

YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.9	10.2	11.2	11.9	15.5	15.9	17.7	19.3	20.7	22.6	22.9	23.4	23.7	24.1	24.1	24.4
≥ 20000	6.1	11.8	13.4	14.5	19.0	19.7	22.1	24.4	25.9	28.4	28.8	29.3	29.7	30.1	30.1	30.5
≥ 18000	6.1	11.9	13.5	14.7	19.2	19.8	22.2	24.6	26.1	28.6	28.9	29.4	29.8	30.2	30.2	30.6
≥ 16000	6.1	11.9	13.5	14.7	19.2	19.8	22.2	24.6	26.1	28.6	28.9	29.4	29.8	30.2	30.2	30.6
≥ 14000	6.1	11.9	13.5	14.7	19.2	19.8	22.2	24.6	26.1	28.6	28.9	29.4	29.8	30.2	30.2	30.6
≥ 12000	6.1	12.2	13.8	14.9	19.5	20.3	22.7	25.2	26.9	29.4	29.8	30.3	30.7	31.1	31.1	31.5
≥ 10000	6.8	13.7	15.3	16.5	21.8	22.6	25.2	27.8	29.6	32.1	32.5	33.0	33.3	33.7	33.7	34.1
≥ 9000	7.1	14.5	16.2	17.4	23.7	24.4	27.2	29.9	31.8	34.3	34.8	35.3	35.7	36.1	36.1	36.5
≥ 8000	7.1	14.9	16.7	17.9	24.6	25.6	28.6	31.8	33.7	36.2	36.7	37.2	37.6	38.0	38.0	38.3
≥ 7000	7.1	14.9	16.7	18.0	24.7	25.7	28.7	32.0	33.8	36.3	36.8	37.3	37.7	38.1	38.1	38.5
≥ 6000	7.1	14.9	16.7	18.0	24.7	25.7	28.7	32.2	34.1	36.6	37.1	37.6	38.0	38.3	38.3	38.7
≥ 5000	7.5	16.7	18.4	19.8	26.7	27.9	31.0	34.6	36.7	39.2	39.8	40.4	40.9	41.2	41.2	41.6
≥ 4500	7.8	18.3	20.1	21.6	28.4	29.9	33.1	37.0	39.2	41.7	42.4	42.9	43.4	43.7	43.7	44.1
≥ 4000	7.8	19.8	21.6	23.1	30.8	32.5	35.7	40.0	42.2	44.9	45.6	46.1	46.7	47.1	47.1	47.5
≥ 3500	8.0	21.7	23.6	25.2	33.1	35.0	38.2	42.5	44.7	47.4	48.1	48.6	49.2	49.7	49.7	50.1
≥ 3000	8.1	24.6	26.9	28.8	37.1	39.2	42.5	46.7	49.0	51.8	52.5	53.0	53.6	54.1	54.1	54.5
≥ 2500	8.3	25.8	28.6	30.6	38.8	41.6	45.2	49.7	52.0	54.8	55.5	56.0	56.6	57.1	57.1	57.5
≥ 2000	8.3	26.4	29.3	31.7	41.1	44.5	48.6	53.6	56.1	59.0	59.8	60.3	60.9	61.4	61.4	61.8
≥ 1800	8.5	26.9	29.9	32.3	42.1	45.7	49.9	54.9	57.6	60.7	61.4	61.9	62.5	63.0	63.0	63.4
≥ 1500	8.8	27.7	30.8	33.6	44.6	48.4	52.8	58.3	61.2	64.7	65.5	66.0	66.7	67.2	67.2	67.5
≥ 1200	8.8	28.2	32.1	35.2	47.1	51.1	56.5	62.4	65.5	69.2	70.1	70.6	71.2	71.7	71.7	72.1
≥ 1000	8.8	28.6	32.5	35.6	48.5	52.9	58.3	64.7	67.9	71.7	72.6	73.1	73.7	74.2	74.2	74.6
≥ 900	8.8	28.6	32.5	35.8	49.7	54.3	60.2	66.8	70.3	74.3	75.2	75.7	76.4	76.9	76.9	77.3
≥ 800	8.8	28.6	32.5	35.8	50.1	54.8	61.0	67.9	71.8	76.2	77.2	77.7	78.4	78.9	78.9	79.3
≥ 700	8.8	28.6	32.5	35.8	50.5	55.1	61.7	69.0	73.3	78.1	79.1	79.9	80.7	81.2	81.2	81.6
≥ 600	8.8	28.6	32.5	35.8	50.8	55.5	62.2	70.6	75.7	81.1	82.2	83.2	84.0	84.6	84.6	85.0
≥ 500	8.8	28.6	32.6	36.0	50.9	55.6	62.3	70.9	76.2	82.3	84.0	85.1	86.0	86.7	86.7	87.1
≥ 400	8.8	28.6	32.6	36.0	51.1	55.9	62.7	71.7	77.6	84.2	86.5	87.6	89.0	89.8	89.8	90.2
≥ 300	8.8	28.6	32.6	36.0	51.1	55.9	62.7	72.1	78.1	85.7	88.3	89.6	91.4	92.2	92.5	93.4
≥ 200	8.8	28.6	32.6	36.0	51.1	55.9	62.7	72.1	78.1	86.0	88.8	90.2	92.6	93.9	94.2	96.0
≥ 100	8.8	28.6	32.6	36.0	51.1	55.9	62.7	72.1	78.1	86.0	88.8	90.4	93.1	94.6	95.4	99.5
≥ 0	8.8	28.6	32.6	36.0	51.1	55.9	62.7	72.1	78.1	86.0	88.8	90.4	93.1	94.6	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS

798

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	3.3	11.1	11.9	12.6	16.3	18.2	19.5	22.0	23.1	24.4	24.7	25.1	25.4	25.8	25.8	26.4
≥ 20000	4.3	12.4	13.6	14.3	18.7	20.7	22.7	25.4	26.4	28.0	28.3	28.7	29.1	29.5	29.5	30.2
≥ 18000	4.3	12.4	13.6	14.3	18.8	20.8	22.8	25.5	26.6	28.2	28.4	28.8	29.2	29.6	29.6	30.3
≥ 16000	4.3	12.4	13.6	14.3	18.8	20.8	22.8	25.5	26.6	28.2	28.4	28.8	29.2	29.6	29.6	30.3
≥ 14000	4.3	12.4	13.6	14.3	18.8	20.8	22.8	25.5	26.6	28.2	28.4	28.8	29.2	29.6	29.6	30.3
≥ 12000	4.3	12.4	13.6	14.3	18.8	20.8	22.8	25.6	26.7	28.3	28.6	29.0	29.4	29.8	29.8	30.4
≥ 10000	4.8	13.2	14.4	15.2	20.0	22.0	24.0	27.0	28.0	29.6	29.9	30.3	30.7	31.1	31.1	31.8
≥ 9000	4.8	13.4	14.6	15.4	21.2	23.2	25.2	28.4	29.5	31.1	31.4	31.8	32.2	32.6	32.6	33.2
≥ 8000	4.8	13.8	15.0	15.8	22.2	24.2	26.6	30.2	31.2	32.8	33.1	33.5	33.9	34.3	34.4	35.1
≥ 7000	4.8	13.8	15.0	15.8	22.2	24.2	26.6	30.2	31.2	32.8	33.1	33.5	33.9	34.3	34.4	35.1
≥ 6000	4.8	13.8	15.0	15.8	22.2	24.2	26.6	30.2	31.2	32.8	33.1	33.5	33.9	34.3	34.4	35.1
≥ 5000	5.3	16.2	17.5	18.3	25.0	27.2	29.8	33.6	34.7	36.3	36.6	37.0	37.4	37.8	37.9	38.6
≥ 4500	5.7	17.8	19.2	20.0	27.2	29.8	32.4	36.3	37.4	39.1	39.4	39.8	40.2	40.6	40.7	41.4
≥ 4000	6.3	19.5	21.1	22.2	30.4	33.0	35.8	39.7	40.7	42.6	42.9	43.3	43.7	44.1	44.2	44.9
≥ 3500	6.7	21.1	23.0	24.6	34.2	36.7	39.7	43.7	44.7	46.7	47.0	47.4	47.9	48.5	48.6	49.3
≥ 3000	7.2	23.4	25.2	27.1	37.7	40.3	43.3	48.1	49.1	51.1	51.4	51.8	52.3	52.9	53.0	53.7
≥ 2500	7.5	24.4	26.3	28.3	40.3	43.3	46.3	51.3	52.5	54.5	55.0	55.4	55.9	56.5	56.6	57.3
≥ 2000	7.9	26.3	28.3	30.4	43.7	46.9	49.9	55.3	56.7	58.9	59.5	59.9	60.5	61.0	61.1	61.8
≥ 1800	8.1	26.8	29.1	31.2	44.7	48.1	51.1	56.5	58.1	60.2	60.9	61.3	61.8	62.3	62.5	63.2
≥ 1500	8.1	27.4	29.9	32.3	46.2	49.8	53.4	59.7	61.5	64.0	64.6	65.2	65.8	66.4	66.5	67.2
≥ 1200	8.1	28.2	31.8	34.6	49.3	53.4	57.4	64.4	66.5	69.2	69.8	70.4	71.0	71.6	71.7	72.4
≥ 1000	8.1	28.4	32.0	34.8	50.1	54.7	59.0	66.5	68.6	71.4	72.1	72.6	73.3	73.8	74.0	74.8
≥ 900	8.1	28.4	32.0	34.8	50.6	55.3	59.8	67.3	69.4	72.2	73.0	73.6	74.2	74.4	74.9	75.7
≥ 800	8.1	28.7	32.6	35.4	51.4	56.5	61.1	69.2	71.8	74.6	75.6	76.1	76.8	77.3	77.4	78.2
≥ 700	8.1	28.8	32.8	35.6	51.9	57.0	62.1	70.9	74.1	77.0	78.2	78.9	79.6	80.1	80.2	81.0
≥ 600	8.1	28.8	32.8	35.6	51.9	57.3	62.5	73.0	77.4	80.0	81.8	82.5	83.3	83.8	84.0	84.8
≥ 500	8.1	28.8	32.8	35.6	51.9	57.3	62.6	74.9	79.8	83.4	85.2	86.2	87.2	88.0	88.1	88.9
≥ 400	8.1	28.8	32.8	35.6	52.5	58.1	63.6	75.8	81.6	85.4	87.4	88.7	90.1	90.9	91.1	91.9
≥ 300	8.1	28.8	32.8	35.6	52.5	58.1	63.6	76.2	82.5	86.8	89.5	90.8	92.8	93.9	94.0	95.1
≥ 200	8.1	28.8	32.8	35.6	52.5	58.1	63.6	76.2	82.5	86.9	89.7	91.1	93.2	94.9	95.3	97.1
≥ 100	8.1	28.8	32.8	35.6	52.5	58.1	63.6	76.2	82.5	86.9	89.9	91.2	93.3	95.3	95.7	99.3
≥ 0	8.1	28.8	32.8	35.6	52.5	58.1	63.6	76.2	82.5	86.9	89.9	91.2	93.3	95.3	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS

749

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 STATION NAME SUSTERBERG NJ YEARS 68-77 MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥⅓	≥0
NO CEILING	3.4	8.7	9.8	10.6	13.3	14.6	15.8	17.6	19.0	20.2	20.5	20.8	21.0	21.3	21.4	21.8
≥ 20000	4.3	11.0	12.5	13.5	17.4	19.1	20.8	22.9	24.5	26.0	26.5	26.7	27.1	27.4	27.4	27.8
≥ 18000	4.4	11.1	12.6	13.6	17.5	19.3	21.1	23.2	24.8	26.4	26.8	27.1	27.4	27.7	27.8	28.2
≥ 16000	4.4	11.1	12.6	13.6	17.5	19.3	21.1	23.2	24.8	26.4	26.8	27.1	27.4	27.7	27.8	28.2
≥ 14000	4.4	11.1	12.7	13.7	17.6	19.4	21.2	23.4	24.9	26.5	27.0	27.2	27.6	27.9	27.9	28.3
≥ 12000	4.4	11.2	12.7	13.8	17.8	19.6	21.5	23.7	25.3	26.9	27.4	27.6	27.9	28.2	28.2	28.7
≥ 10000	4.8	12.2	13.9	15.0	19.3	21.2	23.3	25.6	27.3	28.9	29.3	29.6	29.9	30.2	30.3	30.7
≥ 9000	4.9	12.7	14.3	15.6	20.3	22.2	24.4	26.8	28.5	30.1	30.6	30.9	31.3	31.6	31.6	32.0
≥ 8000	5.0	13.0	14.7	16.0	21.1	23.2	25.6	28.4	30.1	31.8	32.3	32.6	32.9	33.2	33.3	33.7
≥ 7000	5.0	13.0	14.8	16.2	21.2	23.3	25.8	28.6	30.3	32.0	32.5	32.7	33.1	33.4	33.5	33.9
≥ 6000	5.0	13.1	14.8	16.2	21.4	23.6	26.1	28.9	30.7	32.3	32.8	33.1	33.4	33.7	33.8	34.2
≥ 5000	5.5	14.6	16.4	17.9	23.4	25.3	28.6	31.7	33.6	35.3	35.8	36.1	36.5	36.8	36.9	37.3
≥ 4500	5.8	15.8	17.6	19.3	25.2	27.8	30.8	34.1	36.0	37.7	38.3	38.6	38.9	39.3	39.4	39.8
≥ 4000	6.5	17.4	19.4	21.1	27.6	30.3	33.8	37.2	39.1	40.9	41.6	41.8	42.2	42.6	42.7	43.1
≥ 3500	6.8	18.8	21.0	22.8	29.7	32.7	36.4	40.0	42.0	43.9	44.5	44.8	45.3	45.7	45.8	46.2
≥ 3000	7.2	20.7	23.2	25.2	32.7	35.9	39.9	43.7	45.8	47.8	48.5	48.8	49.4	49.8	49.9	50.3
≥ 2500	7.7	22.4	25.2	27.3	35.5	39.1	43.2	47.2	49.4	51.5	52.2	52.6	53.1	53.6	53.6	54.0
≥ 2000	8.3	24.4	27.4	29.9	40.2	43.0	47.6	51.8	54.2	56.4	57.2	57.5	58.1	58.6	58.7	59.1
≥ 1800	8.5	25.2	28.4	31.0	40.6	44.5	49.2	53.6	56.0	58.3	59.1	59.4	60.1	60.5	60.6	61.0
≥ 1500	8.6	26.2	29.7	32.6	43.1	47.2	52.4	57.2	59.9	62.4	63.3	63.6	64.2	64.8	64.8	65.3
≥ 1200	8.6	27.0	30.9	34.1	45.6	50.0	55.8	61.0	64.0	66.6	67.6	68.0	68.6	69.1	69.2	69.6
≥ 1000	8.7	27.2	31.3	34.4	46.5	51.3	57.5	62.9	66.1	68.8	69.8	70.2	70.9	71.4	71.5	71.9
≥ 900	8.7	27.4	31.5	34.8	47.4	52.4	58.9	64.6	67.8	70.7	71.7	72.2	72.9	73.3	73.4	73.9
≥ 800	8.7	27.6	31.8	35.1	48.1	53.3	60.1	66.3	69.8	72.8	73.9	74.4	75.1	75.6	75.6	76.1
≥ 700	8.7	27.6	31.9	35.2	48.7	54.1	61.4	68.0	71.8	75.2	76.4	76.9	77.7	78.2	78.3	78.7
≥ 600	8.7	27.7	32.0	35.4	49.3	54.9	62.5	70.1	74.4	78.3	79.7	80.3	81.2	81.9	82.0	82.5
≥ 500	8.7	27.7	32.1	35.5	49.5	55.2	63.1	71.2	76.0	80.5	82.1	83.1	84.3	85.1	85.2	85.7
≥ 400	8.7	27.7	32.1	35.5	49.7	55.5	63.5	72.1	77.5	82.7	84.7	85.9	87.5	88.5	88.6	89.1
≥ 300	8.7	27.7	32.1	35.5	49.7	55.6	63.6	72.6	78.6	84.7	87.2	88.8	91.2	92.8	93.2	93.9
≥ 200	8.7	27.7	32.1	35.5	49.7	55.6	63.6	72.7	78.7	84.9	87.7	89.3	92.3	94.8	95.5	97.3
≥ 100	8.7	27.7	32.1	35.5	49.7	55.6	63.6	72.7	78.7	84.9	87.7	89.4	92.4	95.2	96.2	99.6
≥ 0	8.7	27.7	32.1	35.5	49.7	55.6	63.6	72.7	78.7	84.9	87.7	89.4	92.4	95.2	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6018

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NL

68-77

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS T.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	4.9	12.9	15.4	17.5	23.0	26.1	28.6	32.0	33.8	34.6	35.3	35.3	36.2	36.5	36.6	37.3
≥ 20000	5.5	15.1	18.1	20.2	25.8	29.0	31.7	35.5	37.6	38.7	39.4	39.4	40.3	40.5	40.7	41.4
≥ 18000	5.5	15.3	18.2	20.5	26.1	29.3	32.0	35.8	37.9	39.0	39.7	39.7	40.5	40.8	41.0	41.7
≥ 16000	5.5	15.3	18.2	20.5	26.1	29.3	32.0	35.8	37.9	39.0	39.7	39.7	40.5	40.8	41.0	41.7
≥ 14000	5.5	15.3	18.2	20.5	26.1	29.3	32.0	35.8	37.9	39.0	39.7	39.7	40.5	40.8	41.0	41.7
≥ 12000	5.8	15.7	18.7	20.9	26.6	29.9	32.7	36.5	38.6	39.7	40.4	40.4	41.2	41.5	41.7	42.4
≥ 10000	5.8	16.1	19.5	21.9	27.8	31.4	34.2	38.0	40.1	41.2	41.9	41.9	42.8	43.1	43.2	43.9
≥ 9000	5.8	16.4	19.8	22.2	28.2	31.8	34.8	38.7	40.8	41.9	42.6	42.6	43.5	43.8	43.9	44.6
≥ 8000	5.9	16.7	20.2	22.6	29.3	33.1	36.0	40.0	42.1	43.2	43.9	43.9	44.7	45.0	45.2	45.9
≥ 7000	5.9	16.7	20.2	22.6	29.3	33.1	36.0	40.0	42.1	43.2	43.9	43.9	44.7	45.0	45.2	45.9
≥ 6000	5.9	16.7	20.2	22.6	29.3	33.1	36.0	40.0	42.1	43.2	43.9	43.9	44.7	45.0	45.2	45.9
≥ 5000	6.2	17.8	21.5	24.1	31.3	35.1	38.1	42.1	44.2	45.3	46.0	46.0	47.0	47.3	47.4	48.1
≥ 4500	6.6	18.8	22.6	25.5	32.8	36.6	39.8	43.8	46.0	47.1	47.8	47.8	48.8	49.1	49.2	49.9
≥ 4000	6.9	19.9	23.8	26.9	34.9	38.7	41.9	46.1	48.5	49.6	50.4	50.4	51.3	51.6	51.8	52.5
≥ 3500	7.0	21.9	25.8	29.6	38.3	42.2	45.6	49.8	52.2	53.3	54.0	54.0	55.0	55.3	55.4	56.1
≥ 3000	7.9	23.7	28.1	32.1	41.5	45.6	48.9	53.4	55.8	56.9	57.6	57.6	58.6	59.0	59.2	59.9
≥ 2500	8.3	24.7	29.3	33.5	43.3	47.4	50.8	55.5	57.9	59.0	59.7	59.7	60.7	61.2	61.3	62.0
≥ 2000	8.4	25.7	30.6	34.8	45.3	49.8	53.3	58.5	61.3	62.6	63.3	63.3	64.2	64.7	64.8	65.5
≥ 1800	8.4	26.4	31.4	35.6	46.3	50.9	54.4	59.6	62.6	63.8	64.8	64.9	65.9	66.3	66.5	67.2
≥ 1500	8.4	27.2	32.5	36.9	48.0	52.7	56.5	62.3	65.4	66.8	67.9	68.0	69.0	69.4	69.6	70.3
≥ 1200	8.4	27.6	33.4	38.4	50.4	55.8	59.6	66.1	69.6	71.0	72.1	72.2	73.2	73.8	73.9	74.6
≥ 1000	8.4	27.8	33.7	38.7	51.1	57.2	61.6	68.0	71.7	73.2	74.5	74.6	75.6	76.2	76.3	77.0
≥ 900	8.4	28.5	34.6	40.0	52.9	59.2	63.5	70.7	74.3	76.3	77.6	77.7	78.7	79.2	79.4	80.1
≥ 800	8.4	28.6	34.8	40.3	53.7	60.3	64.7	72.4	76.0	78.4	79.7	79.8	80.8	81.3	81.5	82.2
≥ 700	8.4	28.9	35.3	41.0	54.7	61.6	65.9	73.9	78.0	80.4	81.6	81.8	82.7	83.3	83.5	84.2
≥ 600	8.4	28.9	35.6	41.2	55.1	62.3	66.9	75.6	80.2	82.6	83.9	84.0	85.0	85.6	85.7	86.4
≥ 500	8.4	28.9	35.6	41.2	55.3	62.7	67.6	76.9	81.6	84.6	86.1	86.4	87.4	88.1	88.2	88.9
≥ 400	8.4	28.9	35.6	41.2	55.3	62.7	68.0	77.3	82.5	85.8	87.8	88.1	89.1	90.0	90.2	90.9
≥ 300	8.4	28.9	35.6	41.2	55.3	63.1	68.4	78.1	84.0	87.5	90.3	90.7	92.3	93.3	93.8	94.5
≥ 200	8.4	28.9	35.6	41.2	55.3	63.1	68.4	78.1	84.0	87.8	90.7	91.3	93.1	94.7	95.8	98.0
≥ 100	8.4	28.9	35.6	41.2	55.3	63.1	68.4	78.1	84.0	87.8	90.7	91.3	93.3	94.8	95.9	99.9
≥ 0	8.4	28.9	35.6	41.2	55.3	63.1	68.4	78.3	84.2	87.9	90.9	91.4	93.4	95.0	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS

713

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ STATION NAME

8-77

YEARS

5-80

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.7	10.7	12.6	13.7	17.1	19.2	21.8	24.7	26.3	27.9	29.2	29.2	29.2	29.8	30.1	30.1
≥ 20000	3.3	12.1	14.2	15.5	19.1	21.5	24.4	27.7	29.2	31.2	32.5	32.5	33.1	33.4	33.4	34.6
≥ 18000	3.3	12.3	14.3	15.6	19.2	21.7	24.6	27.9	29.5	31.4	32.7	32.7	33.2	33.5	33.5	34.1
≥ 16000	3.3	12.3	14.3	15.6	19.2	21.7	24.6	27.9	29.5	31.4	32.7	32.7	33.2	33.5	33.5	34.1
≥ 14000	3.3	12.3	14.3	15.8	19.4	21.8	24.7	28.0	29.6	31.5	32.8	32.8	33.4	33.7	33.7	34.2
≥ 12000	3.5	12.4	14.5	15.9	19.7	22.1	25.1	28.5	30.1	31.9	33.2	33.2	33.8	34.1	34.1	34.7
≥ 10000	3.8	13.4	15.6	17.2	21.1	23.8	27.2	30.6	32.2	34.2	35.5	35.5	36.1	36.4	36.4	37.0
≥ 9000	3.8	13.6	15.8	17.3	21.8	24.6	27.9	31.8	33.4	35.5	36.8	36.8	37.4	37.7	37.7	38.3
≥ 8000	3.9	13.7	16.0	17.8	22.8	25.7	29.2	33.5	35.4	37.6	38.9	38.9	39.5	39.7	39.7	40.3
≥ 7000	3.9	13.7	16.0	17.8	22.8	25.7	29.2	33.5	35.4	37.6	38.9	38.9	39.5	39.7	39.7	40.3
≥ 6000	3.9	13.9	16.2	17.9	23.1	26.0	29.5	33.8	35.7	37.9	39.2	39.2	39.7	40.0	40.0	40.6
≥ 5000	4.0	14.9	17.2	18.9	24.7	27.7	31.5	36.0	37.9	40.0	41.2	41.2	41.9	42.3	42.3	42.9
≥ 4500	4.3	16.0	18.8	20.5	26.7	29.8	33.8	38.3	40.2	42.3	43.6	43.6	44.2	44.7	44.7	45.2
≥ 4000	4.5	17.9	21.8	23.7	30.6	33.8	38.2	42.6	44.8	47.0	48.4	48.4	49.1	49.6	49.6	50.1
≥ 3500	4.5	18.6	22.5	24.6	31.9	35.8	40.3	44.9	47.1	49.4	50.9	50.9	51.6	52.0	52.0	52.6
≥ 3000	4.8	19.9	24.9	27.2	35.5	39.6	44.1	48.8	51.2	53.5	54.9	54.9	55.6	56.2	56.4	56.9
≥ 2500	4.9	20.8	26.3	28.9	37.9	42.1	46.8	51.9	54.3	56.6	58.1	58.1	58.8	59.4	59.5	60.1
≥ 2000	5.1	22.1	27.7	30.6	40.0	44.4	49.6	55.3	57.8	60.4	61.8	61.8	62.6	63.2	63.2	63.9
≥ 1800	5.1	22.4	28.8	31.6	41.5	46.4	51.7	57.7	60.4	63.6	65.0	65.0	65.8	66.3	66.5	67.1
≥ 1500	5.1	23.3	30.2	33.4	43.9	49.1	54.9	61.1	64.3	67.8	69.2	69.4	70.1	70.7	70.8	71.4
≥ 1200	5.1	23.7	30.8	34.1	45.5	51.6	57.5	63.9	67.2	70.7	72.1	72.4	73.1	73.7	73.8	74.4
≥ 1000	5.1	24.1	31.4	35.1	47.3	54.2	60.1	66.6	69.9	73.6	75.1	75.4	76.2	76.7	76.9	77.5
≥ 900	5.1	24.3	31.6	35.4	48.1	55.2	61.3	67.9	71.8	75.7	77.3	77.6	78.3	78.9	79.0	79.6
≥ 800	5.1	24.6	31.9	36.0	48.8	56.1	62.4	69.2	73.3	77.3	78.9	79.2	79.9	80.5	80.6	81.2
≥ 700	5.1	24.6	31.9	36.0	49.3	56.9	63.4	71.0	75.3	79.3	80.9	81.2	81.9	82.5	82.7	83.2
≥ 600	5.1	24.6	31.9	36.3	49.7	57.7	64.5	72.4	77.2	81.2	82.9	83.2	84.0	84.5	84.7	85.3
≥ 500	5.1	24.6	31.9	36.3	50.1	58.2	65.2	73.7	78.8	83.4	85.1	85.4	86.3	86.8	87.0	87.6
≥ 400	5.1	24.6	31.9	36.3	50.3	58.5	65.6	74.9	80.3	85.5	87.6	87.9	89.0	89.7	89.9	90.5
≥ 300	5.1	24.6	31.9	36.3	50.4	59.0	66.0	75.4	81.4	86.8	89.2	89.7	91.3	92.2	92.3	93.9
≥ 200	5.1	24.6	31.9	36.3	50.4	59.0	66.0	75.4	81.4	87.1	89.7	90.3	91.9	93.5	94.5	97.8
≥ 100	5.1	24.6	31.9	36.3	50.4	59.0	66.0	75.4	81.4	87.1	89.7	90.3	92.1	94.2	95.2	100.0
≥ 0	5.1	24.6	31.9	36.3	50.4	59.0	66.0	75.4	81.4	87.1	89.7	90.3	92.1	94.2	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS

692

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SOESTERBERG NJ
STATION NAME

68-77
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	1.7 1.8	9.1 10.1	11.1 12.4	12.5 14.1	15.8 17.9	16.8 19.0	19.5 21.9	22.6 25.4	24.9 28.1	26.3 30.1	26.8 30.8	27.4 31.4	27.7 31.7	28.1 32.2	28.6 32.7	28.8 33.0
IV 18000 IV 16000	1.8 1.8	10.1 10.1	12.4 12.4	14.1 14.1	18.0 18.0	19.2 19.2	22.0 22.0	25.6 25.6	28.3 28.3	30.3 30.3	31.0 31.0	31.5 31.5	31.8 31.8	32.4 32.4	32.8 32.8	33.1 33.1
IV 14000 IV 12000	1.8 1.8	10.1 10.4	12.4 12.6	14.1 14.3	18.0 18.3	19.2 19.5	22.0 22.3	25.6 25.9	28.3 28.6	30.3 30.5	31.0 31.3	31.5 31.8	31.8 32.1	32.4 32.7	32.8 33.1	33.1 33.4
IV 10000 IV 9000	2.1 2.1	10.7 10.8	12.9 13.1	14.8 15.2	19.0 19.7	20.3 21.0	23.2 24.0	26.7 28.1	29.4 31.0	31.4 33.1	32.2 33.9	32.8 34.5	33.1 34.9	33.7 35.5	34.1 35.9	34.4 36.2
IV 8000 IV 7000	2.3 2.3	11.1 11.2	13.4 13.5	15.8 15.9	20.3 20.5	21.9 22.0	24.9 25.0	29.3 29.4	32.4 32.5	34.8 34.9	35.7 35.8	36.2 36.4	36.6 36.8	37.2 37.4	37.6 37.8	37.9 38.1
IV 6000 IV 5000	2.3 2.4	11.6 12.4	13.9 14.6	16.3 17.0	21.2 22.0	22.7 23.9	25.7 26.8	30.1 31.4	33.2 34.5	35.7 37.2	36.5 38.1	37.1 38.6	37.5 39.1	38.1 39.6	38.5 40.1	38.8 40.3
IV 4500 IV 4000	3.0 3.4	13.4 14.9	16.2 18.3	18.8 20.9	23.7 26.1	25.6 28.0	28.8 31.4	33.7 36.9	36.8 40.2	39.6 43.2	40.6 44.2	41.2 44.7	41.8 45.3	42.3 45.9	42.8 46.3	43.0 46.6
IV 3500 IV 3000	3.8 4.0	15.9 17.6	19.7 21.4	22.4 24.3	28.0 30.3	30.0 32.5	33.7 36.4	39.2 42.0	42.6 45.5	45.9 49.0	46.9 50.0	47.4 50.6	48.3 51.4	48.9 52.0	49.3 52.4	49.6 52.7
IV 2500 IV 2000	4.1 4.1	18.8 19.3	23.2 24.3	26.3 27.7	33.4 35.4	36.2 38.5	40.2 42.6	46.0 49.6	49.6 53.3	53.7 57.5	54.7 58.5	55.3 59.1	56.1 60.1	56.7 60.7	57.1 61.1	57.4 61.4
IV 1800 IV 1500	4.1 4.3	20.0 21.2	25.0 26.3	28.4 29.7	36.4 38.2	39.6 41.8	43.9 46.7	51.0 54.7	55.0 58.9	59.4 63.4	60.4 64.5	60.9 65.1	61.9 66.1	62.5 66.6	62.9 67.0	63.2 67.3
IV 1200 IV 1000	4.4 4.4	22.0 22.2	27.8 28.0	31.4 31.5	40.8 41.3	45.2 46.0	51.0 52.4	59.2 60.9	63.9 65.8	68.3 70.5	69.5 71.6	70.0 72.2	71.0 73.2	71.6 73.7	72.0 74.1	72.3 74.4
IV 900 IV 800	4.4 4.4	22.3 22.4	28.1 28.4	31.7 32.1	41.8 42.3	46.9 48.0	53.3 54.4	61.9 63.1	66.8 67.9	71.4 72.6	72.6 73.9	73.2 74.6	74.1 75.7	74.7 76.3	75.1 76.7	75.4 77.0
IV 700 IV 600	4.4 4.4	22.4 22.4	28.4 28.7	32.1 32.4	43.3 44.0	49.0 49.9	55.4 56.7	64.5 66.1	69.5 71.3	74.1 76.1	75.4 77.4	76.3 78.4	77.6 79.7	78.1 80.3	78.6 80.7	78.8 81.0
IV 500 IV 400	4.4 4.4	22.4 22.4	28.8 28.8	32.5 32.5	44.3 44.3	50.1 50.1	57.2 57.2	67.0 68.3	73.0 74.7	78.6 81.5	79.8 83.4	80.8 84.4	82.1 85.9	82.8 86.9	83.2 87.4	83.5 87.6
IV 300 IV 200	4.4 4.4	22.4 22.4	28.8 28.8	32.5 32.5	44.3 44.3	50.1 50.1	57.2 57.2	69.2 69.2	76.6 76.6	84.2 84.7	86.9 87.6	88.5 89.3	91.3 92.8	92.8 94.6	93.3 95.6	94.0 98.0
IV 100 IV 0	4.4 4.4	22.4 22.4	28.8 28.8	32.5 32.5	44.3 44.3	50.1 50.1	57.2 57.2	69.2 69.2	76.6 76.6	84.7 84.7	87.6 87.6	89.5 89.5	93.0 93.0	95.0 95.0	96.0 96.0	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

704

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG HI

58-77

YEARS

58-59

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.7	8.6	9.5	10.1	13.0	14.2	15.8	17.9	19.6	20.4	20.8	21.0	21.4	21.6	21.9	22.0
≥ 20000	4.1	12.1	13.4	14.9	19.0	20.4	21.4	26.2	28.2	29.9	30.6	30.9	31.4	31.5	31.8	32.0
IV 18000	4.1	12.1	13.4	14.9	19.0	20.4	23.4	26.2	28.2	29.9	30.6	30.9	31.4	31.5	31.8	32.0
IV 16000	4.1	12.1	13.4	14.9	19.0	20.4	23.4	26.2	28.2	29.9	30.6	30.9	31.4	31.5	31.8	32.0
IV 14000	4.1	12.1	13.4	14.9	19.0	20.4	23.4	26.2	28.4	30.0	30.8	31.1	31.5	31.7	32.0	32.1
IV 12000	4.1	12.2	13.9	15.4	19.6	21.0	24.1	27.3	29.4	31.1	31.8	32.1	32.6	32.7	33.0	33.2
IV 10000	4.1	12.8	14.8	16.3	20.7	22.0	26.1	29.4	31.5	33.2	33.9	34.2	34.7	34.8	35.1	35.3
IV 9000	4.1	13.0	14.9	16.6	21.4	22.9	27.3	30.9	32.0	35.0	35.7	36.0	36.5	36.7	37.0	37.1
IV 8000	4.4	13.4	15.4	17.3	22.3	23.8	28.4	32.0	34.1	36.2	37.0	37.3	37.7	37.9	38.2	38.3
IV 7000	4.4	13.4	15.4	17.3	22.3	23.8	28.4	32.0	34.1	36.2	37.0	37.3	37.7	37.9	38.2	38.3
IV 6000	4.4	13.6	15.7	17.6	22.6	24.3	28.8	32.4	34.5	36.7	37.4	37.7	38.3	38.5	38.8	38.9
IV 5000	4.5	14.6	17.2	19.2	25.2	27.0	32.1	36.0	38.5	40.6	41.6	42.1	42.7	43.0	43.3	43.4
IV 4500	4.8	16.3	18.9	20.8	27.0	28.8	34.2	38.3	40.9	43.6	44.6	45.1	45.7	46.0	46.3	46.5
IV 4000	5.4	18.3	21.0	23.2	29.9	31.7	37.9	42.1	44.6	47.4	48.6	49.0	49.8	50.1	50.4	50.5
IV 3500	6.0	19.5	22.3	24.7	31.7	33.6	39.8	44.5	47.1	49.8	51.0	51.4	52.3	52.6	52.9	53.1
IV 3000	6.2	20.4	23.2	25.8	33.6	35.6	42.1	47.5	50.1	53.1	54.3	54.8	55.8	56.1	56.4	56.6
IV 2500	6.6	21.3	24.6	27.5	35.6	37.7	44.3	50.2	52.9	56.0	57.2	57.6	58.7	59.0	59.3	59.4
IV 2000	7.2	22.8	26.2	29.1	37.9	40.7	47.5	53.8	56.9	60.2	61.5	62.0	63.0	63.3	63.7	63.8
IV 1800	7.2	22.9	26.8	29.7	38.6	41.5	48.3	54.8	57.8	61.4	62.7	63.2	64.3	64.6	64.9	65.0
IV 1500	7.7	24.4	28.5	31.4	40.9	43.9	50.8	57.5	60.5	64.6	66.1	66.5	67.6	67.9	68.2	68.3
IV 1200	8.0	25.3	29.6	32.9	42.5	46.2	53.8	61.4	64.9	68.9	70.6	71.0	72.1	72.4	72.7	72.9
IV 1000	8.0	25.5	29.7	33.0	43.0	46.8	54.8	62.4	65.9	70.0	71.6	72.1	73.2	73.5	73.8	73.9
IV 900	8.0	25.5	29.9	33.3	43.6	47.4	55.5	63.7	67.1	71.5	73.2	73.6	74.7	75.0	75.3	75.4
IV 800	8.0	25.5	29.9	33.3	44.0	48.0	56.3	64.9	68.9	73.8	75.7	76.2	77.4	77.7	78.0	78.1
IV 700	8.0	25.5	29.9	33.3	44.3	48.3	57.0	65.8	70.1	75.6	77.7	78.1	79.8	80.1	80.4	80.5
IV 600	8.0	25.5	29.9	33.3	44.6	48.9	58.2	67.1	72.1	78.1	80.7	81.1	82.8	83.4	83.7	83.9
IV 500	8.0	25.5	29.9	33.3	44.6	48.9	58.7	67.9	73.2	80.2	83.0	83.4	85.4	86.0	86.3	86.4
IV 400	8.0	25.5	29.9	33.3	44.6	48.9	58.7	67.9	73.5	81.7	84.9	85.7	88.2	89.1	89.4	89.6
IV 300	8.0	25.5	29.9	33.3	44.6	49.0	58.8	68.5	74.4	83.4	86.9	87.9	91.1	92.9	93.2	93.4
IV 200	8.0	25.5	29.9	33.3	44.6	49.0	58.8	68.5	74.5	83.9	87.6	88.8	92.9	95.0	95.9	96.0
IV 100	8.0	25.5	29.9	33.3	44.6	49.0	58.8	68.5	74.5	83.9	87.6	88.8	93.2	95.3	96.4	96.8
IV 0	8.0	25.5	29.9	33.3	44.6	49.0	58.8	68.5	74.5	83.9	87.6	88.8	93.2	95.3	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS

663

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

FEF
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ ¼	≥ 0
NO CEILING	4.1	10.6	11.9	13.4	16.0	17.0	19.4	22.0	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 20000	5.4	17.0	18.4	20.6	24.1	25.7	29.3	32.1	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 18000	5.4	17.0	18.4	20.6	24.4	26.0	29.6	32.4	33.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 16000	5.4	17.0	18.4	20.6	24.4	26.0	29.6	32.4	33.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 14000	5.4	17.0	18.6	20.9	24.7	26.3	29.9	32.7	33.4	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 12000	5.4	17.0	18.6	20.9	24.7	26.3	30.0	32.9	33.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 10000	5.9	18.9	20.4	22.9	27.6	29.1	32.9	35.7	36.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 9000	5.9	20.0	21.6	24.0	29.6	31.6	35.9	39.1	40.1	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 8000	5.9	20.0	21.6	24.0	29.7	31.7	36.3	39.6	40.6	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 7000	6.0	20.1	21.7	24.1	29.9	31.9	36.4	39.7	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 6000	6.0	20.9	22.4	24.9	30.6	32.6	37.3	40.6	41.6	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 5000	6.4	22.0	23.7	26.3	32.3	34.3	39.3	42.9	44.1	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4500	6.9	23.0	24.7	27.4	34.0	36.0	41.1	44.7	46.4	47.1	47.3	47.3	47.3	47.3	47.3	47.3
≥ 4000	7.4	24.1	26.0	28.7	35.7	37.7	43.0	46.6	48.3	49.0	49.4	49.4	49.4	49.4	49.4	49.4
≥ 3500	7.6	25.0	27.1	29.9	36.9	38.9	44.1	47.9	49.6	50.3	50.7	50.7	50.7	50.7	50.7	50.7
≥ 3000	9.7	27.7	30.1	32.9	40.6	42.7	48.1	52.1	53.9	54.6	55.0	55.0	55.0	55.0	55.0	55.0
≥ 2500	11.9	30.1	32.9	35.6	43.4	45.7	51.4	55.6	57.3	58.0	58.4	58.4	58.4	58.4	58.4	58.4
≥ 2000	13.7	33.0	35.9	38.9	47.3	49.9	55.9	60.4	62.9	64.0	64.4	64.4	64.4	64.4	64.4	64.4
≥ 1800	14.4	35.1	38.3	41.4	49.9	52.4	58.4	63.1	65.7	66.9	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1500	15.0	37.0	41.0	44.3	54.3	57.0	63.4	68.1	70.7	71.9	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1200	15.7	38.3	42.7	46.0	57.0	60.9	67.9	74.3	77.4	79.0	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1000	16.1	38.9	43.3	46.6	57.9	62.1	69.6	76.7	80.3	82.0	82.4	82.4	82.4	82.4	82.4	82.4
≥ 900	16.1	38.9	43.4	46.7	58.4	62.7	70.1	77.6	81.4	83.1	83.6	83.6	83.6	83.6	83.6	83.6
≥ 800	16.1	38.9	43.4	46.7	58.9	63.4	71.4	79.6	84.1	86.1	86.6	86.7	86.7	86.9	86.9	86.9
≥ 700	16.1	38.9	43.4	46.7	58.9	63.6	71.6	79.9	84.6	86.7	87.3	87.4	87.4	87.7	87.7	87.7
≥ 600	16.1	38.9	43.4	46.7	59.1	64.0	72.7	81.7	86.7	89.7	90.3	90.4	90.4	90.7	90.7	90.7
≥ 500	16.1	38.9	43.4	46.7	59.3	64.4	73.4	82.4	87.6	91.3	92.0	92.1	92.3	92.9	92.9	92.9
≥ 400	16.1	38.9	43.4	46.7	59.3	64.6	73.6	82.9	88.3	92.6	93.4	93.6	93.7	94.6	94.6	94.6
≥ 300	16.1	38.9	43.4	46.7	59.3	64.6	73.6	82.9	88.3	93.1	94.3	94.6	95.3	96.4	96.6	96.7
≥ 200	16.1	38.9	43.4	46.7	59.3	64.6	73.6	82.9	88.3	93.3	94.7	95.1	96.0	98.0	98.4	99.4
≥ 100	16.1	38.9	43.4	46.7	59.3	64.6	73.6	82.9	88.3	93.3	94.7	95.1	96.1	98.4	98.9	100.0
≥ 0	16.1	38.9	43.4	46.7	59.3	64.6	73.6	82.9	88.3	93.3	94.7	95.1	96.1	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

700

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 SNESTERBERG IN

B-77

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	6.0	11.5	11.8	12.7	16.1	17.3	20.1	21.8	22.4	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 20000	8.4	18.3	19.0	20.1	24.9	26.2	29.7	32.2	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4
IV 18000	8.5	18.7	19.5	20.7	25.5	27.1	30.7	33.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 16000	8.5	18.7	19.5	20.7	25.5	27.1	30.7	33.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 14000	8.5	18.7	19.5	20.7	25.5	27.1	30.7	33.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 12000	8.7	19.0	19.8	21.1	25.9	27.4	31.0	33.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7
IV 10000	9.0	20.9	21.8	23.1	28.2	29.9	33.6	36.1	37.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5
IV 9000	9.0	22.0	22.9	24.5	29.9	31.6	35.4	38.4	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 8000	9.0	22.4	23.7	25.5	31.3	33.0	36.8	39.9	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 7000	9.0	22.4	23.7	25.5	31.3	33.0	36.8	39.9	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 6000	9.0	22.9	24.1	26.0	31.7	33.4	37.5	40.6	41.5	42.1	42.1	42.1	42.1	42.1	42.1	42.1
IV 5000	9.4	24.8	26.0	28.0	34.2	35.9	40.6	43.7	44.6	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 4500	10.1	25.9	27.1	29.1	35.6	37.3	42.3	45.4	46.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 4000	10.4	28.5	30.3	32.5	39.2	41.0	46.1	49.2	50.3	50.9	51.1	51.1	51.1	51.1	51.1	51.1
IV 3500	12.1	31.9	33.7	36.1	43.2	45.0	50.8	54.2	55.3	55.9	56.0	56.0	56.0	56.0	56.0	56.0
IV 3000	14.1	35.4	37.3	39.6	47.4	49.5	55.4	58.8	59.9	60.5	60.7	60.7	60.7	60.7	60.7	60.7
IV 2500	15.6	37.8	39.6	42.0	50.0	52.3	58.4	61.8	62.8	63.5	63.6	63.6	63.6	63.6	63.6	63.6
IV 2000	17.3	40.6	42.6	45.0	54.0	56.5	62.7	66.7	68.0	68.9	69.0	69.0	69.0	69.0	69.0	69.0
IV 1800	17.8	41.3	43.5	46.0	55.4	58.4	64.7	68.7	70.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
IV 1500	17.8	42.1	44.3	47.4	57.9	61.3	68.3	72.6	74.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7
IV 1200	18.0	42.6	44.9	48.5	60.2	64.4	72.4	78.0	80.2	81.9	82.0	82.0	82.0	82.0	82.0	82.0
IV 1000	18.0	42.6	45.0	48.9	61.1	65.5	74.1	79.9	82.0	83.9	84.2	84.2	84.2	84.2	84.2	84.2
IV 900	18.3	42.9	45.4	49.4	62.2	66.7	75.7	81.6	84.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0
IV 800	18.3	42.9	45.4	49.4	62.2	67.0	76.0	83.0	86.1	88.7	89.2	89.2	89.2	89.2	89.2	89.2
IV 700	18.3	42.9	45.4	49.4	62.5	67.3	76.9	83.9	87.2	90.1	90.6	90.9	91.0	91.0	91.0	91.0
IV 600	18.3	42.9	45.4	49.4	62.8	67.8	77.9	85.6	89.0	92.6	93.0	93.3	93.5	93.5	93.5	93.5
IV 500	18.3	42.9	45.4	49.4	63.2	68.3	78.3	86.4	90.1	93.8	94.4	94.7	94.9	95.2	95.2	95.2
IV 400	18.3	42.9	45.4	49.4	63.2	68.3	78.3	86.4	90.1	94.1	94.7	95.0	95.2	95.5	95.5	95.5
IV 300	18.3	42.9	45.4	49.4	63.2	68.3	78.3	86.4	90.4	94.6	95.4	95.8	96.9	97.5	97.7	97.7
IV 200	18.3	42.9	45.4	49.4	63.2	68.3	78.3	86.4	90.4	94.7	95.7	96.1	97.2	98.4	98.9	99.4
IV 100	18.3	42.9	45.4	49.4	63.2	68.3	78.3	86.4	90.4	94.7	95.7	96.1	97.2	98.8	99.1	100.0
IV 0	18.3	42.9	45.4	49.4	63.2	68.3	78.3	86.4	90.4	94.7	95.7	96.1	97.2	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

646

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

CR-77
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.5	12.3	13.6	14.5	17.6	18.7	21.8	24.8	26.0	26.7	27.1	27.1	27.2	27.2	27.2	27.2
≥ 20000	5.8	15.3	17.2	18.2	22.6	23.7	27.2	31.5	33.2	34.0	34.5	34.5	34.6	34.6	34.6	34.6
≥ 18000	5.8	15.3	17.2	18.2	22.6	24.0	27.5	31.9	33.6	34.5	34.9	34.9	35.0	35.0	35.0	35.0
≥ 16000	5.8	15.3	17.2	18.2	22.6	24.0	27.5	31.9	33.6	34.5	34.9	34.9	35.0	35.0	35.0	35.0
≥ 14000	5.8	15.3	17.2	18.2	22.6	24.0	27.5	31.9	33.6	34.5	34.9	34.9	35.0	35.0	35.0	35.0
≥ 12000	5.8	15.3	17.2	18.2	22.6	24.0	27.5	31.9	33.6	34.5	34.9	34.9	35.0	35.0	35.0	35.0
≥ 10000	5.8	16.0	18.0	19.1	24.4	26.0	29.5	33.9	35.6	36.5	36.9	36.9	37.0	37.0	37.0	37.0
≥ 9000	5.8	16.6	18.6	19.9	25.4	27.1	30.9	35.5	37.2	38.0	38.6	38.6	38.7	38.7	38.7	38.7
≥ 8000	5.8	16.6	19.4	20.7	26.4	28.1	32.2	36.9	38.6	39.4	40.0	40.0	40.1	40.1	40.1	40.1
≥ 7000	5.8	16.6	19.4	20.9	26.7	28.4	32.5	37.2	38.9	39.7	40.3	40.3	40.4	40.4	40.4	40.4
≥ 6000	5.8	16.7	19.6	21.0	26.8	28.5	32.6	37.3	39.0	39.9	40.4	40.4	40.6	40.6	40.6	40.6
≥ 5000	5.8	17.9	20.7	22.4	28.5	30.2	34.5	38.6	41.4	42.3	42.8	42.8	43.0	43.0	43.0	43.0
≥ 4500	6.2	18.9	22.1	24.0	30.2	32.1	36.6	41.7	43.5	44.4	45.0	45.0	45.1	45.1	45.1	45.1
≥ 4000	7.2	21.0	24.3	26.1	32.8	34.9	39.7	44.8	46.8	47.7	48.2	48.2	48.5	48.5	48.5	48.5
≥ 3500	8.4	23.5	27.7	29.6	36.5	38.9	43.7	48.8	50.8	51.6	52.2	52.2	52.5	52.5	52.5	52.5
≥ 3000	9.4	26.4	30.8	32.8	40.7	43.3	48.1	53.6	55.7	56.6	57.2	57.2	57.4	57.4	57.4	57.4
≥ 2500	9.8	28.5	33.0	35.2	43.7	46.8	52.1	57.7	59.9	60.9	61.6	61.6	61.8	61.8	61.8	61.8
≥ 2000	10.2	30.5	35.6	38.0	47.4	50.9	57.0	63.4	66.1	67.5	68.2	68.2	68.5	68.5	68.5	68.5
≥ 1800	10.2	30.6	35.9	38.6	48.2	51.8	58.0	64.5	67.2	68.7	69.4	69.4	69.6	69.6	69.6	69.6
≥ 1500	10.8	32.1	37.7	40.4	51.8	55.6	62.3	68.9	71.0	73.3	74.0	74.0	74.3	74.3	74.3	74.3
≥ 1200	10.8	33.0	38.7	41.6	54.5	58.7	66.0	73.8	76.9	79.0	79.7	79.7	80.3	80.3	80.3	80.4
≥ 1000	10.8	33.0	38.9	42.1	55.6	60.0	67.7	75.5	79.0	81.3	82.0	82.0	82.7	82.7	82.7	82.8
≥ 900	10.8	33.0	39.0	42.3	55.9	60.6	68.4	76.5	80.0	82.6	83.3	83.3	84.0	84.0	84.0	84.1
≥ 800	10.8	33.2	39.1	42.4	56.9	61.6	69.4	77.9	81.6	84.3	85.1	85.1	85.8	85.8	85.8	86.0
≥ 700	10.8	33.3	39.3	42.6	57.6	62.6	70.5	79.1	83.0	86.0	87.1	87.1	87.8	87.8	87.8	87.9
≥ 600	10.8	33.3	39.3	42.6	57.6	62.6	70.6	79.7	84.1	87.1	88.2	88.2	88.9	89.1	89.1	89.2
≥ 500	10.8	33.3	39.3	42.6	57.6	62.8	71.1	80.6	85.1	89.1	90.5	90.8	91.5	91.8	91.8	91.9
≥ 400	10.8	33.3	39.3	42.6	57.6	63.0	71.3	81.4	86.7	91.5	93.2	93.6	94.3	94.6	94.6	94.8
≥ 300	10.8	33.3	39.3	42.6	57.6	63.0	71.5	81.8	87.4	92.3	94.5	95.2	96.6	97.3	97.3	97.4
≥ 200	10.8	33.3	39.3	42.6	57.6	63.0	71.5	81.8	87.5	92.8	95.0	95.9	97.4	98.3	98.3	99.1
≥ 100	10.8	33.3	39.3	42.6	57.6	63.0	71.5	81.8	87.5	92.8	95.0	95.9	97.4	98.3	98.3	99.9
≥ 0	10.8	33.3	39.3	42.6	57.6	63.0	71.5	81.8	87.5	92.8	95.0	95.9	97.4	98.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

705

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG HI

STATION NAME

8-77

YEARS

55.0

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	6.2	13.5	14.8	16.7	23.1	24.0	26.5	30.2	31.9	32.4	32.8	32.9	33.1	33.4	33.4	33.7
≥ 20000	6.7	14.8	16.3	18.4	25.9	26.8	29.3	33.4	35.2	35.9	36.6	36.7	36.9	37.2	37.2	37.5
≥ 18000	6.7	14.8	16.3	18.4	25.9	26.8	29.3	33.4	35.7	36.3	37.0	37.2	37.3	37.6	37.6	37.9
≥ 16000	6.7	14.8	16.3	18.4	25.9	26.8	29.3	33.4	35.7	36.3	37.0	37.2	37.3	37.6	37.6	37.9
≥ 14000	6.7	14.8	16.3	18.4	25.9	26.8	29.3	33.4	35.7	36.3	37.0	37.2	37.3	37.6	37.6	37.9
≥ 12000	6.7	14.8	16.3	18.4	25.9	26.8	29.3	33.4	35.7	36.3	37.0	37.2	37.3	37.6	37.6	37.9
≥ 10000	6.9	15.4	17.0	19.3	27.4	28.4	31.2	35.4	37.8	38.4	39.1	39.2	39.4	39.7	39.7	40.0
≥ 9000	6.9	15.4	17.0	19.3	27.4	28.4	31.2	35.4	37.8	38.4	39.1	39.2	39.4	39.7	39.7	40.0
≥ 8000	6.9	15.4	17.0	19.3	27.4	28.4	31.2	35.4	37.8	38.4	39.1	39.2	39.4	39.7	39.7	40.0
≥ 7000	6.9	15.7	17.3	20.1	29.4	30.5	33.2	37.9	40.4	41.0	41.7	41.9	42.0	42.3	42.3	42.6
≥ 6000	6.9	15.7	17.3	20.1	29.4	30.5	33.2	37.9	40.4	41.0	41.7	41.9	42.0	42.3	42.3	42.6
≥ 5000	7.5	17.0	18.9	22.0	31.6	32.9	36.3	41.0	43.5	44.1	44.8	44.9	45.1	45.4	45.4	45.7
≥ 4500	7.5	18.9	20.8	24.2	34.1	35.4	39.2	44.1	46.6	47.1	47.9	48.0	48.2	48.5	48.5	48.8
≥ 4000	7.9	20.6	23.1	26.9	37.8	39.1	43.2	48.0	50.5	51.2	52.0	52.1	52.3	52.6	52.6	52.9
≥ 3500	8.3	22.3	25.3	29.7	40.6	41.9	46.0	51.1	53.6	54.3	55.1	55.2	55.3	55.6	55.6	55.9
≥ 3000	8.6	25.0	28.3	33.2	44.4	45.8	49.9	55.2	57.7	58.4	59.2	59.3	59.6	59.9	59.9	60.2
≥ 2500	9.1	26.6	30.3	35.4	47.3	49.3	53.4	59.0	61.5	62.2	63.0	63.1	63.4	63.7	63.7	64.0
≥ 2000	9.4	27.8	31.6	36.7	50.8	53.1	57.4	63.7	66.6	67.3	68.1	68.2	68.5	68.8	68.8	69.1
≥ 1800	9.5	28.3	32.1	37.2	51.5	53.9	58.1	64.6	67.6	68.4	69.1	69.3	69.5	69.8	69.8	70.1
≥ 1500	9.5	28.7	32.7	37.9	53.0	56.1	60.6	67.1	70.3	71.0	71.7	71.9	72.2	72.5	72.5	72.8
≥ 1200	9.5	29.0	33.1	38.7	55.2	58.7	63.5	70.4	73.8	74.5	75.4	75.5	75.8	76.1	76.1	76.4
≥ 1000	9.5	29.3	33.5	39.1	55.9	59.7	64.7	71.6	75.1	76.6	77.5	77.6	77.9	78.2	78.2	78.5
≥ 900	9.5	29.4	34.0	39.5	56.7	60.5	65.7	73.4	77.2	78.9	79.9	80.1	80.4	80.7	80.7	81.0
≥ 800	9.5	29.6	34.1	40.3	58.3	62.7	68.2	76.1	79.9	81.8	82.9	83.0	83.3	83.6	83.6	83.9
≥ 700	9.5	29.9	34.4	40.7	59.4	64.0	69.7	78.3	82.4	84.6	85.7	85.9	86.2	86.5	86.5	86.8
≥ 600	9.5	29.9	34.4	40.7	59.9	64.7	71.0	80.4	84.8	87.1	88.1	88.4	88.9	89.3	89.3	89.6
≥ 500	9.5	29.9	34.4	40.7	60.0	65.3	71.6	81.3	85.8	88.6	89.8	90.0	90.6	91.2	91.4	91.7
≥ 400	9.5	29.9	34.4	40.7	60.0	65.3	71.7	82.0	86.5	89.8	91.8	92.1	92.7	93.3	93.4	93.7
≥ 300	9.5	29.9	34.4	40.7	60.3	65.7	72.2	82.6	87.4	91.1	94.3	95.0	95.9	96.8	97.1	97.4
≥ 200	9.5	29.9	34.4	40.7	60.3	65.7	72.2	82.6	87.4	91.2	94.6	95.3	96.3	97.5	98.0	98.8
≥ 100	9.5	29.9	34.4	40.7	60.3	65.7	72.2	82.6	87.4	91.2	94.6	95.3	96.3	97.7	98.2	99.7
≥ 0	9.5	29.9	34.4	40.7	60.3	65.7	72.2	82.6	87.4	91.2	94.6	95.3	96.3	97.7	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS

683

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

6-77
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	4.2	11.2	12.6	13.9	17.7	19.2	21.8	24.6	26.0	26.8	27.2	27.4	27.7	27.8	28.0	28.2
≥ 20000	5.1	14.3	16.1	17.7	22.4	24.0	27.1	30.5	32.2	33.3	33.9	34.0	34.3	34.5	34.7	34.9
≥ 18000	5.1	14.4	16.2	17.9	22.6	24.3	27.4	30.8	32.6	33.7	34.3	34.4	34.7	34.9	35.0	35.3
≥ 16000	5.1	14.4	16.2	17.9	22.6	24.3	27.4	30.8	32.6	33.7	34.3	34.4	34.7	34.9	35.0	35.3
≥ 14000	5.1	14.4	16.2	17.9	22.6	24.4	27.4	30.9	32.6	33.7	34.3	34.5	34.8	35.0	35.1	35.3
≥ 12000	5.2	14.5	16.4	18.1	22.9	24.6	27.8	31.3	33.1	34.2	34.8	34.9	35.2	35.4	35.5	35.8
≥ 10000	5.4	15.5	17.5	19.3	24.5	26.4	29.7	33.2	35.0	36.2	36.8	36.9	37.2	37.4	37.5	37.8
≥ 9000	5.4	15.9	17.9	19.9	25.5	27.4	31.0	34.8	36.7	37.9	38.5	38.6	39.0	39.2	39.3	39.5
≥ 8000	5.5	15.2	18.3	20.5	26.4	28.5	32.1	36.1	38.0	39.3	40.0	40.1	40.4	40.6	40.7	41.0
≥ 7000	5.5	16.2	18.4	20.5	26.5	28.5	32.2	36.2	38.1	39.4	40.0	40.2	40.5	40.7	40.8	41.0
≥ 6000	5.5	16.5	18.7	20.8	26.8	28.9	32.6	36.6	38.5	39.8	40.4	40.6	40.9	41.1	41.2	41.5
≥ 5000	5.3	17.6	19.9	22.2	26.7	30.9	34.9	39.0	41.1	42.4	43.1	43.2	43.6	43.8	43.9	44.2
≥ 4500	6.1	18.8	21.4	23.8	30.5	32.7	37.0	41.2	43.3	44.8	45.5	45.6	46.0	46.2	46.3	46.6
≥ 4000	6.6	20.6	23.5	26.1	33.3	35.6	41.1	44.5	46.7	48.2	49.0	49.1	49.6	49.8	49.9	50.2
≥ 3500	7.2	22.2	25.5	28.3	35.8	38.2	42.9	47.5	49.7	51.3	52.1	52.2	52.7	52.9	53.0	53.3
≥ 3000	8.0	24.4	28.0	30.9	39.2	41.8	46.6	51.4	53.7	55.3	56.1	56.2	56.7	57.0	57.1	57.4
≥ 2500	8.7	26.0	29.8	33.0	41.8	44.7	49.6	54.7	57.0	58.7	59.5	59.6	60.2	60.4	60.6	60.8
≥ 2000	9.4	27.6	31.7	35.1	44.7	47.9	53.2	58.9	61.6	63.5	64.3	64.5	65.0	65.3	65.4	65.7
≥ 1800	9.5	28.3	32.7	36.0	45.9	49.3	54.6	60.4	63.3	65.3	66.2	66.4	66.9	67.2	67.3	67.6
≥ 1500	9.8	29.4	34.1	37.6	48.4	52.1	57.9	64.0	67.0	69.2	70.1	70.3	70.9	71.1	71.3	71.5
≥ 1200	9.9	30.1	35.1	38.9	50.7	55.1	61.4	68.3	71.7	74.1	75.1	75.3	75.8	76.1	76.3	76.5
≥ 1000	10.0	30.3	35.4	39.3	51.6	56.4	63.1	70.2	73.7	76.3	77.3	77.5	78.1	78.4	78.6	78.8
≥ 900	10.0	30.5	35.7	39.7	52.4	57.4	64.1	71.6	75.3	78.2	79.3	79.5	80.1	80.3	80.5	80.7
≥ 800	10.0	30.6	35.8	40.0	53.1	58.4	65.3	73.2	77.2	80.3	81.4	81.7	82.3	82.6	82.8	83.0
≥ 700	10.0	30.7	36.0	40.2	53.7	59.1	66.3	74.5	78.7	82.1	83.2	83.5	84.3	84.6	84.7	85.0
≥ 600	10.0	30.7	36.0	40.3	54.1	59.7	67.3	76.0	80.6	84.3	85.5	85.9	86.6	87.0	87.1	87.4
≥ 500	10.0	30.7	36.1	40.3	54.3	60.1	67.8	77.0	81.9	86.1	87.5	87.9	88.8	89.3	89.4	89.7
≥ 400	10.0	30.7	36.1	40.3	54.3	60.2	68.0	77.6	82.8	87.8	89.6	90.0	91.0	91.7	91.8	92.1
≥ 300	10.0	30.7	36.1	40.3	54.3	60.3	68.2	78.1	83.7	89.1	91.4	92.2	93.8	94.9	95.2	95.6
≥ 200	10.0	30.7	36.1	40.3	54.3	60.3	68.2	78.1	83.7	89.4	92.0	92.8	94.7	96.3	96.9	98.6
≥ 100	10.0	30.7	36.1	40.3	54.3	60.3	68.2	78.1	83.7	89.4	92.0	92.8	94.8	96.5	97.2	99.9
≥ 0	10.0	30.7	36.1	40.3	54.3	60.3	68.2	78.1	83.8	89.4	92.0	92.8	94.8	96.6	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

5506

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG MI STATION NAME

R-77

YEARS

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	6.4	18.8	20.3	22.0	28.9	31.5	34.6	38.3	38.9	40.1	41.1	41.4	41.5	41.5	41.6	41.9
≥ 20000	9.0	21.0	22.8	24.8	32.5	35.4	38.3	42.5	43.1	44.4	45.4	45.6	45.8	45.8	45.9	46.1
≥ 18000	9.0	21.0	22.8	24.8	32.5	35.4	38.3	42.5	43.1	44.4	45.4	45.6	45.8	45.8	45.9	46.1
≥ 16000	9.0	21.0	22.8	24.8	32.5	35.4	38.3	42.5	43.1	44.4	45.4	45.6	45.8	45.8	45.9	46.1
≥ 14000	9.0	21.0	22.8	24.8	32.5	35.4	38.3	42.5	43.1	44.4	45.4	45.6	45.8	45.8	45.9	46.1
≥ 12000	9.0	21.1	22.9	24.9	32.5	35.5	38.9	42.6	43.3	44.5	45.5	45.8	45.9	45.9	46.0	46.3
≥ 10000	9.4	22.1	24.0	26.1	34.0	36.9	40.3	44.5	45.1	46.4	47.4	47.6	47.8	47.8	47.9	48.1
≥ 9000	9.4	22.8	24.8	26.9	35.3	38.3	41.8	46.3	46.9	48.1	49.1	49.4	49.5	49.5	49.6	49.9
≥ 8000	9.6	23.4	25.4	27.5	36.4	39.4	42.9	47.6	48.5	49.8	50.8	51.0	51.1	51.1	51.3	51.5
≥ 7000	9.8	23.5	25.5	27.6	36.5	39.8	43.3	48.0	48.9	50.1	51.1	51.4	51.5	51.5	51.6	51.9
≥ 6000	10.1	24.1	26.3	28.5	37.6	40.9	44.5	49.3	50.1	51.4	52.4	52.6	52.8	52.8	52.9	53.1
≥ 5000	10.5	26.1	28.6	31.3	40.6	43.9	48.3	53.1	54.3	55.8	56.8	57.0	57.1	57.1	57.3	57.5
≥ 4500	10.8	27.6	30.5	33.3	43.0	46.4	50.9	55.9	57.1	58.6	59.6	59.9	60.0	60.0	60.1	60.4
≥ 4000	11.4	28.9	32.0	35.3	45.3	49.0	54.0	59.5	60.8	62.6	63.6	63.9	64.0	64.0	64.1	64.4
≥ 3500	11.9	30.9	35.0	38.6	49.1	53.1	58.4	64.5	65.9	67.9	68.9	69.1	69.1	69.3	69.4	69.6
≥ 3000	12.6	32.8	37.5	41.4	52.6	57.1	62.5	69.0	70.5	72.9	73.9	74.1	74.3	74.3	74.4	74.6
≥ 2500	13.0	33.6	38.6	42.5	54.3	59.8	64.4	71.0	72.5	74.9	75.9	76.1	76.4	76.4	76.5	76.8
≥ 2000	13.0	34.4	39.6	43.5	56.3	60.8	66.5	73.5	75.0	77.4	78.4	78.6	78.9	78.9	79.0	79.3
≥ 1800	13.0	34.5	39.8	43.8	57.0	61.6	67.5	74.9	76.4	78.8	79.8	80.0	80.3	80.3	80.4	80.6
≥ 1500	13.0	34.9	40.1	44.4	58.4	63.1	69.1	77.0	78.9	81.3	82.3	82.5	82.8	82.8	82.9	83.1
≥ 1200	13.0	35.3	40.9	45.8	60.9	66.0	72.1	80.1	82.4	85.0	86.1	86.4	86.6	86.6	86.8	87.0
≥ 1000	13.1	35.5	41.1	46.1	61.8	67.1	73.4	81.4	83.6	86.3	87.4	87.6	87.9	88.0	88.1	88.4
≥ 900	13.1	35.6	41.3	46.3	62.0	67.6	74.1	82.3	84.5	87.1	88.3	88.5	88.8	88.9	89.0	89.3
≥ 800	13.1	35.8	41.4	46.4	62.1	67.9	74.6	83.0	85.4	88.3	89.4	89.6	89.9	90.0	90.1	90.4
≥ 700	13.1	35.9	41.6	46.6	62.6	68.6	75.5	84.1	86.9	90.0	91.3	91.5	91.9	92.0	92.1	92.4
≥ 600	13.1	35.9	41.8	46.8	62.9	69.0	76.1	85.4	88.4	91.6	92.9	93.1	93.5	93.6	93.8	94.0
≥ 500	13.1	35.9	41.9	46.9	63.1	69.3	76.8	86.0	89.1	92.9	94.5	94.8	95.1	95.3	95.4	95.6
≥ 400	13.1	35.9	41.9	47.0	63.3	69.4	77.0	86.3	90.3	94.4	96.0	96.6	97.0	97.1	97.2	97.5
≥ 300	13.1	35.9	41.9	47.0	63.3	69.5	77.1	86.6	90.6	95.5	97.6	98.3	98.9	99.1	99.3	99.5
≥ 200	13.1	35.9	41.9	47.0	63.3	69.5	77.1	86.6	90.6	95.8	98.0	98.6	99.4	99.6	99.8	100.0
≥ 100	13.1	35.9	41.9	47.0	63.3	69.5	77.1	86.6	90.6	95.8	98.0	98.6	99.4	99.6	99.8	100.0
≥ 0	13.1	35.9	41.9	47.0	63.3	69.5	77.1	86.6	90.6	95.8	98.0	98.6	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

800

USAF ETAC

FORM 101-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

8-77
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
TIME

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥⅒	≥0
NO CEILING	4.9	16.9	19.5	21.4	26.4	29.1	33.1	37.3	39.2	40.6	41.8	41.9	43.1	43.4	43.4	43.6	
≥ 20000	4.9	17.9	20.9	23.6	29.6	32.5	36.8	41.0	43.1	44.9	46.1	46.2	47.4	47.7	47.7	48.1	
≥ 18000	4.9	17.9	20.9	23.6	29.6	32.5	36.8	41.0	43.1	44.9	46.1	46.2	47.4	47.7	47.7	48.1	
≥ 16000	4.9	17.9	20.9	23.6	29.6	32.5	36.8	41.0	43.1	44.9	46.1	46.2	47.4	47.7	47.7	48.1	
≥ 14000	4.9	17.9	20.9	23.6	29.6	32.5	36.8	41.0	43.1	44.9	46.1	46.2	47.4	47.7	47.7	48.1	
≥ 12000	4.9	17.9	20.9	23.6	29.6	32.5	36.8	41.0	43.1	44.9	46.1	46.2	47.4	47.7	47.7	48.1	
≥ 10000	5.3	18.7	21.7	24.7	30.6	33.5	38.2	43.1	45.2	47.0	48.2	48.3	49.5	49.7	49.7	50.1	
≥ 9000	5.3	19.4	22.7	25.7	32.2	35.2	39.9	44.9	47.0	48.8	50.0	50.1	51.3	51.6	51.6	51.9	
≥ 8000	5.3	19.6	23.1	26.2	33.5	36.6	41.3	46.6	49.0	50.8	51.9	52.1	53.2	53.5	53.5	53.9	
≥ 7000	5.3	19.6	23.1	26.2	33.8	36.9	41.6	46.9	49.2	51.0	52.2	52.3	53.5	53.8	53.8	54.2	
≥ 6000	5.3	20.0	23.6	26.8	34.5	37.8	42.5	47.8	50.1	51.9	53.1	53.2	54.4	54.7	54.7	55.1	
≥ 5000	5.8	22.3	26.4	29.5	38.2	41.8	46.9	52.6	55.2	57.0	58.2	58.3	59.6	59.9	59.9	60.3	
≥ 4500	5.8	23.0	27.1	30.5	39.4	43.0	48.2	54.3	57.0	58.8	60.0	60.1	61.4	61.7	61.7	62.1	
≥ 4000	6.0	24.5	29.0	32.3	41.8	45.6	50.9	57.1	60.0	61.9	63.1	63.2	64.5	64.8	64.8	65.2	
≥ 3500	6.2	25.6	30.3	33.6	44.2	48.1	53.4	59.7	62.6	64.7	65.8	66.0	67.3	67.5	67.5	67.9	
≥ 3000	6.8	27.7	33.4	36.9	47.8	52.2	57.7	64.2	67.1	69.5	70.6	70.8	72.1	72.3	72.3	72.7	
≥ 2500	6.9	28.1	33.9	37.7	48.8	53.4	58.8	65.5	68.4	71.0	72.3	72.5	73.8	74.0	74.0	74.4	
≥ 2000	7.0	28.6	34.7	38.8	50.5	55.1	60.9	67.7	70.8	73.4	74.7	74.8	76.1	76.4	76.4	76.8	
≥ 1800	7.0	28.8	34.9	39.1	50.9	55.5	61.3	69.0	72.1	74.7	76.0	76.1	77.4	77.7	77.7	78.1	
≥ 1500	7.3	29.5	35.7	40.0	52.6	57.7	64.5	71.4	74.7	77.3	78.7	78.8	80.1	80.4	80.4	80.8	
≥ 1200	7.3	30.1	36.6	41.6	55.8	61.2	67.1	75.5	78.8	81.4	82.9	83.0	84.3	84.5	84.5	84.9	
≥ 1000	7.3	30.1	36.9	41.8	57.0	62.6	68.6	77.1	80.5	83.2	84.7	84.8	86.1	86.4	86.4	86.8	
≥ 900	7.3	30.3	37.1	42.1	57.3	63.2	69.4	77.9	81.3	84.4	85.8	86.0	87.3	87.5	87.5	87.9	
≥ 800	7.3	30.4	37.3	42.3	57.9	64.3	70.8	79.6	83.2	86.6	88.1	88.2	89.5	89.7	89.7	90.1	
≥ 700	7.3	30.5	37.4	42.5	58.4	65.2	71.8	80.6	84.4	87.8	89.2	89.4	90.6	90.9	90.9	91.3	
≥ 600	7.3	30.5	37.4	42.6	58.7	65.5	72.2	81.8	85.7	89.2	90.6	90.8	92.1	92.3	92.3	92.7	
≥ 500	7.3	30.6	37.5	42.9	59.0	65.8	72.7	83.1	87.5	91.3	92.7	92.9	94.2	94.4	94.4	94.8	
≥ 400	7.3	30.6	37.5	42.9	59.1	66.0	72.9	83.2	87.8	91.8	93.2	93.5	94.8	95.1	95.1	95.5	
≥ 300	7.3	30.6	37.5	42.9	59.1	66.1	73.0	83.9	88.7	92.9	94.3	94.7	96.2	97.1	97.3	97.8	
≥ 200	7.3	30.6	37.5	42.9	59.1	66.1	73.0	83.9	88.7	93.4	95.1	95.5	97.0	98.4	98.6	99.5	
≥ 100	7.3	30.6	37.5	42.9	59.1	66.1	73.0	83.9	88.7	93.4	95.1	95.5	97.1	98.6	98.7	100.0	
≥ 0	7.3	30.6	37.5	42.9	59.1	66.1	73.0	83.9	88.7	93.4	95.1	95.5	97.1	98.6	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS

770

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 SNESTERBERG NJ STATION NAME

58-77 YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	3.3	11.6	13.4	14.5	18.1	20.5	23.9	28.1	31.4	33.5	34.0	34.8	36.2	37.1	37.1	38.2
≥ 20000	3.9	13.4	15.6	17.0	21.7	24.2	28.6	33.0	36.4	38.7	39.2	40.0	41.4	42.3	42.4	43.6
≥ 18000	4.0	13.6	15.7	17.2	21.8	24.3	28.7	33.1	36.7	39.0	39.5	40.3	41.6	42.6	42.7	43.9
≥ 16000	4.0	13.6	15.7	17.2	21.8	24.3	28.7	33.1	36.7	39.0	39.5	40.3	41.6	42.6	42.7	43.9
≥ 14000	4.0	13.7	15.8	17.3	22.1	24.6	29.0	33.4	37.0	39.2	39.8	40.6	41.9	42.8	43.0	44.1
≥ 12000	4.1	13.8	16.0	17.4	22.2	24.7	29.1	33.5	37.1	39.4	39.9	40.7	42.0	43.0	43.1	44.3
≥ 10000	4.5	14.8	17.0	18.9	23.9	26.6	31.4	36.0	39.8	42.2	42.7	43.6	45.1	46.0	46.1	47.3
≥ 9000	4.7	15.4	17.7	19.5	24.7	27.5	32.4	37.4	41.2	43.8	44.3	45.2	46.7	47.6	47.7	48.9
≥ 8000	4.9	16.1	18.4	20.2	25.9	28.9	33.8	39.1	43.1	45.6	46.1	47.1	48.7	49.6	49.7	50.9
≥ 7000	4.9	16.1	18.4	20.2	26.3	29.3	34.4	39.8	43.8	46.3	46.8	47.7	49.3	50.3	50.4	51.6
≥ 6000	4.9	16.1	18.4	20.3	26.7	29.7	34.8	40.2	44.1	46.7	47.3	48.3	49.9	50.8	50.9	52.1
≥ 5000	5.1	17.0	19.3	21.4	28.5	31.8	37.6	43.0	47.1	49.7	50.4	51.3	52.9	53.9	54.0	55.2
≥ 4500	5.3	17.8	20.1	22.3	30.1	33.5	39.6	45.2	49.6	52.5	53.2	54.1	55.7	56.6	56.8	58.0
≥ 4000	5.7	18.9	21.5	23.9	32.0	36.0	42.4	48.1	52.5	55.5	56.1	57.0	58.6	59.6	59.7	60.9
≥ 3500	5.9	19.7	22.5	25.0	33.2	37.2	44.0	49.9	54.4	57.3	58.0	58.9	60.5	61.4	61.6	62.8
≥ 3000	6.1	20.5	23.4	26.1	35.1	39.2	46.0	52.0	56.5	59.4	60.1	61.0	62.6	63.6	63.7	64.9
≥ 2500	6.6	21.7	25.0	27.8	37.1	41.4	48.3	54.3	59.2	62.1	62.8	63.7	65.3	66.2	66.4	67.6
≥ 2000	6.6	23.0	26.3	29.4	39.1	43.4	50.8	57.0	62.2	65.4	66.1	67.0	68.6	69.5	69.7	70.9
≥ 1800	6.6	23.1	26.5	29.7	39.6	44.3	51.6	58.0	63.6	66.8	67.4	68.4	69.9	70.9	71.0	72.2
≥ 1500	6.6	23.7	27.1	30.6	42.0	46.9	54.9	61.6	67.2	70.5	71.1	72.1	73.7	74.6	74.7	75.9
≥ 1200	6.9	24.5	28.5	32.3	44.8	50.0	58.2	65.2	71.0	74.3	75.1	76.1	77.7	78.6	78.7	79.9
≥ 1000	6.9	24.7	29.0	33.1	46.1	51.5	60.1	67.3	73.3	76.9	77.7	78.6	80.2	81.1	81.2	82.4
≥ 900	6.9	24.7	29.0	33.1	46.5	52.0	60.8	68.2	74.6	78.5	79.4	80.3	81.9	82.8	83.0	84.2
≥ 800	6.9	24.7	29.4	33.6	47.6	53.2	62.5	70.7	77.5	81.5	82.6	83.5	85.1	86.0	86.2	87.4
≥ 700	6.9	25.0	29.7	33.9	48.3	54.3	64.0	72.6	79.5	83.5	84.7	85.6	87.2	88.2	88.3	89.5
≥ 600	6.9	25.0	29.7	33.9	48.5	54.7	64.8	74.1	81.8	86.3	87.9	88.8	90.6	91.5	91.6	92.8
≥ 500	6.9	25.0	29.7	33.9	48.7	54.8	64.9	74.5	82.4	87.4	89.2	90.3	92.0	93.0	93.1	94.3
≥ 400	6.9	25.0	29.7	33.9	48.8	54.9	65.0	74.7	83.0	88.0	90.0	91.2	93.1	94.1	94.3	95.6
≥ 300	6.9	25.0	29.7	33.9	48.9	55.1	65.2	74.9	83.2	88.6	90.8	92.2	94.3	95.5	95.7	97.1
≥ 200	6.9	25.0	29.7	33.9	48.9	55.1	65.2	74.9	83.2	88.8	91.1	92.4	94.9	96.3	96.5	97.7
≥ 100	6.9	25.0	29.8	34.0	49.1	55.2	65.3	75.0	83.4	89.0	91.2	92.6	95.2	96.8	97.1	100.0
≥ 0	6.9	25.0	29.8	34.0	49.1	55.2	65.3	75.0	83.4	89.0	91.2	92.6	95.2	96.8	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS

752

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NL

68-77

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	6.5	13.2	14.8	16.3	23.0	24.2	27.9	30.1	31.5	33.1	33.1	33.7	33.7	33.7	33.7	34.1
≥ 20000	7.3	16.2	18.6	20.7	28.9	30.7	35.5	38.3	40.0	41.7	41.7	41.8	42.3	42.3	42.3	42.7
≥ 18000	7.5	16.3	18.7	20.8	29.0	30.8	35.6	38.7	40.4	42.1	42.1	42.3	42.7	42.7	42.7	43.1
≥ 16000	7.5	16.5	18.9	21.0	29.2	31.0	35.8	38.9	40.6	42.3	42.3	42.4	42.8	42.8	42.8	43.2
≥ 14000	7.5	16.6	19.0	21.1	29.3	31.1	35.9	39.0	40.7	42.4	42.4	42.5	43.0	43.0	43.0	43.4
≥ 12000	7.5	16.8	19.2	21.3	29.6	31.4	36.5	39.6	41.3	43.0	43.0	43.1	43.5	43.5	43.5	43.9
≥ 10000	7.5	17.0	19.6	22.1	30.7	33.0	38.3	41.5	43.5	45.2	45.2	45.4	45.8	45.8	45.8	46.2
≥ 9000	8.0	18.0	20.7	23.2	31.8	34.1	39.6	42.8	44.9	46.9	46.9	47.0	47.5	47.5	47.5	47.9
≥ 8000	8.2	18.2	20.8	23.4	33.0	35.4	41.0	44.4	46.6	48.7	48.7	48.9	49.3	49.3	49.3	49.7
≥ 7000	8.2	18.2	20.8	23.4	33.1	35.5	41.1	44.5	46.8	48.9	48.9	49.0	49.4	49.4	49.4	49.9
≥ 6000	8.2	18.3	21.1	23.9	33.8	36.2	41.8	45.2	47.6	49.7	49.7	49.9	50.3	50.3	50.3	50.7
≥ 5000	8.3	19.2	22.3	25.2	35.2	37.9	43.7	47.3	49.9	52.0	52.0	52.1	52.5	52.5	52.5	53.0
≥ 4500	8.9	20.1	23.4	26.6	37.2	40.0	45.9	49.7	52.5	54.6	54.6	54.8	55.2	55.2	55.2	55.6
≥ 4000	9.0	21.0	24.2	27.6	39.0	42.1	49.0	53.1	55.9	58.3	58.3	58.5	58.9	58.9	58.9	59.3
≥ 3500	9.2	21.5	24.9	28.3	40.0	43.5	50.6	55.1	57.9	60.3	60.3	60.4	60.8	60.8	60.8	61.3
≥ 3000	10.1	23.0	26.6	30.1	42.4	46.1	53.7	58.3	61.3	63.7	63.7	63.8	64.2	64.2	64.2	64.6
≥ 2500	10.7	23.7	27.5	31.3	43.7	47.3	55.1	59.7	62.7	65.2	65.2	65.4	65.8	65.8	65.8	66.2
≥ 2000	11.7	26.1	30.0	34.2	47.2	50.8	59.3	64.1	67.2	70.0	70.0	70.3	70.7	70.7	70.7	71.1
≥ 1800	12.5	27.2	31.1	35.4	49.0	52.7	61.4	66.2	69.3	72.1	72.1	72.3	72.4	72.8	72.8	73.2
≥ 1500	13.5	29.0	33.1	37.3	51.8	55.5	65.2	70.1	73.4	76.2	76.2	76.3	76.5	76.9	76.9	77.3
≥ 1200	13.8	30.4	34.8	39.3	54.1	58.6	69.4	74.5	77.9	81.3	81.4	81.5	82.0	82.0	82.0	82.4
≥ 1000	13.8	30.7	35.2	39.7	55.1	59.9	71.0	76.3	79.7	83.4	83.8	83.9	84.4	84.4	84.4	84.8
≥ 900	13.8	30.8	35.5	40.3	55.8	60.7	72.4	78.3	81.7	85.4	85.8	85.9	86.3	86.3	86.3	86.8
≥ 800	13.8	31.3	36.1	41.0	56.9	62.0	73.9	80.6	84.1	88.2	88.6	88.7	89.3	89.3	89.3	89.9
≥ 700	13.8	31.3	36.1	41.1	57.2	62.5	74.6	81.5	85.2	89.4	89.9	90.0	90.7	90.7	90.7	91.3
≥ 600	13.8	31.3	36.2	41.3	57.5	62.8	75.1	82.3	86.2	91.0	91.4	91.7	92.4	92.4	92.4	93.0
≥ 500	13.8	31.3	36.2	41.3	57.5	62.8	75.1	82.4	86.6	91.7	92.3	92.5	93.2	93.2	93.2	93.8
≥ 400	13.8	31.3	36.2	41.3	57.6	63.0	75.4	82.8	87.3	92.7	93.4	93.8	94.8	94.9	94.9	95.6
≥ 300	13.8	31.3	36.2	41.3	57.6	63.0	75.4	83.1	87.7	93.7	94.5	95.1	96.3	97.0	97.2	98.2
≥ 200	13.8	31.3	36.2	41.3	57.6	63.0	75.4	83.1	87.7	93.8	94.8	95.4	96.6	97.6	97.7	99.2
≥ 100	13.8	31.3	36.2	41.3	57.6	63.0	75.4	83.1	87.7	93.8	94.8	95.4	96.6	98.0	98.2	99.9
≥ 0	13.8	31.3	36.2	41.3	57.6	63.0	75.4	83.1	87.7	93.8	94.8	95.4	96.6	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS

710

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SDESTERBERG NJ

60-77

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	8.4	16.7	17.9	21.3	24.5	26.3	28.5	28.8	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 20000	11.0	23.4	25.5	29.6	34.4	37.5	40.9	41.5	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 18000	11.2	23.6	25.6	29.8	34.6	37.6	41.3	42.0	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 16000	11.2	23.6	25.6	29.8	34.6	37.6	41.3	42.0	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 14000	11.3	23.7	25.8	29.9	34.7	37.7	41.5	42.1	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 12000	11.4	23.8	25.9	30.0	35.0	38.0	42.0	42.7	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 10000	11.7	25.2	27.5	32.0	36.9	39.9	44.1	44.8	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000	12.3	25.9	28.4	32.8	38.2	41.2	45.5	46.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 8000	12.4	26.4	28.9	33.5	39.4	42.4	46.8	47.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 7000	12.4	26.4	28.9	33.5	39.4	42.4	46.8	47.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 6000	12.4	26.4	28.9	33.5	39.4	42.4	47.1	48.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 5000	12.9	28.1	30.7	35.4	41.6	44.8	49.6	50.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 4500	13.2	28.7	31.3	36.0	43.0	46.1	51.0	52.2	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4000	14.0	30.4	33.1	37.7	45.0	48.6	53.4	54.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 3500	15.0	31.4	34.0	38.7	46.4	50.0	54.8	56.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 3000	16.7	34.2	36.8	41.9	50.3	54.3	59.4	60.9	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 2500	18.7	38.0	41.0	46.3	55.0	59.0	64.0	65.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 2000	21.1	42.6	46.3	51.7	61.7	66.0	71.8	73.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1800	22.0	44.8	48.6	54.1	64.9	69.3	75.2	77.0	78.2	78.5	78.5	78.5	78.5	78.7	78.7	78.7
≥ 1500	22.6	46.8	51.1	56.9	68.7	73.4	79.8	82.0	83.5	84.4	84.4	84.4	84.4	84.7	84.7	84.7
≥ 1200	22.6	47.1	51.8	57.7	70.8	76.3	83.1	85.8	87.7	88.8	88.8	89.0	89.3	89.3	89.3	89.3
≥ 1000	22.6	47.1	52.1	58.0	71.2	76.7	83.5	86.5	88.7	89.9	89.9	90.1	90.4	90.4	90.4	90.4
≥ 900	22.6	47.1	52.1	58.0	71.6	77.1	84.0	87.7	89.9	91.2	91.3	91.5	91.7	91.7	91.7	91.7
≥ 800	22.6	47.2	52.2	58.1	71.9	77.4	84.7	88.6	91.2	92.7	92.8	93.0	93.3	93.3	93.3	93.3
≥ 700	22.6	47.2	52.2	58.3	72.2	77.8	85.3	89.3	91.9	93.4	93.9	94.1	94.5	94.5	94.5	94.5
≥ 600	22.6	47.2	52.2	58.3	72.3	78.0	85.8	90.4	93.1	94.6	95.3	95.5	95.9	95.9	95.9	95.9
≥ 500	22.6	47.2	52.2	58.3	72.3	78.0	86.2	91.0	93.9	95.9	96.6	96.7	97.1	97.7	97.7	97.7
≥ 400	22.6	47.2	52.2	58.3	72.3	78.0	86.2	91.0	94.2	96.4	97.5	97.9	98.6	99.3	99.3	99.3
≥ 300	22.6	47.2	52.2	58.3	72.3	78.0	86.2	91.0	94.2	96.4	97.5	97.9	98.6	99.3	99.3	99.3
≥ 200	22.6	47.2	52.2	58.3	72.3	78.0	86.2	91.0	94.2	96.4	97.5	97.9	98.6	99.3	99.3	99.3
≥ 100	22.6	47.2	52.2	58.3	72.3	78.0	86.2	91.0	94.2	96.4	97.5	97.9	98.6	99.3	99.3	99.3
≥ 0	22.6	47.2	52.2	58.3	72.3	78.0	86.2	91.0	94.2	96.4	97.5	97.9	98.6	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

726

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUENTERBERG NL
STATION NAME

8-77
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	11.4	21.9	23.6	25.3	29.3	30.1	30.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 20000	15.2	31.1	33.5	36.1	41.1	42.3	44.0	45.0	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 18000	15.3	31.4	33.8	36.5	41.5	42.8	44.9	45.9	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 16000	15.3	31.4	33.8	36.5	41.5	42.8	44.9	45.9	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 14000	15.8	31.8	34.2	36.9	41.9	43.3	45.5	46.4	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 12000	15.9	32.2	34.7	37.4	42.3	43.8	46.0	47.0	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 10000	16.6	34.1	36.8	39.8	45.2	46.7	49.0	50.1	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 9000	16.9	34.7	37.5	41.3	47.2	49.0	51.4	52.6	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 8000	17.6	36.5	39.5	43.6	50.1	52.1	54.7	56.1	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 7000	17.6	36.5	39.6	43.8	50.3	52.3	55.0	56.4	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 6000	17.6	36.5	39.6	43.8	50.4	52.4	55.1	56.5	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	18.9	39.3	42.5	46.7	53.6	55.8	58.7	60.1	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4500	20.0	41.3	44.6	48.9	56.4	58.7	61.6	63.1	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4000	21.2	43.0	46.6	51.0	58.8	61.5	64.5	66.2	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3500	22.4	45.2	48.9	53.7	62.8	65.6	68.8	70.5	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3000	23.9	48.3	52.1	57.5	67.3	70.2	73.7	75.4	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 2500	25.6	51.0	54.8	60.4	70.5	73.4	77.6	79.3	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2000	26.3	53.0	57.1	63.1	74.1	77.6	82.5	84.5	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1800	27.1	54.5	58.7	64.8	76.6	80.0	85.2	87.2	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	27.4	55.3	59.4	65.8	78.0	81.7	87.4	89.5	89.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	27.4	55.3	59.4	66.1	79.1	83.4	89.8	92.2	92.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	27.4	55.3	59.4	66.1	79.5	83.9	90.6	93.2	93.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0
≥ 900	27.4	55.3	59.4	66.1	79.7	84.1	90.8	93.9	94.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2
≥ 800	27.4	55.3	59.4	66.1	80.0	84.4	91.3	94.7	95.6	97.0	97.0	97.2	97.2	97.2	97.2	97.2
≥ 700	27.4	55.3	59.4	66.1	80.0	84.4	91.5	95.0	95.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 600	27.4	55.3	59.4	66.1	80.1	84.5	91.6	95.2	96.2	97.9	97.9	98.0	98.3	98.3	98.3	98.3
≥ 500	27.4	55.4	59.5	66.2	80.3	84.7	91.8	95.6	96.7	98.9	99.0	99.1	99.4	99.4	99.4	99.4
≥ 400	27.4	55.4	59.5	66.2	80.3	84.7	91.8	95.7	96.9	99.0	99.1	99.3	99.6	99.6	99.6	99.6
≥ 300	27.4	55.4	59.5	66.2	80.3	84.7	91.8	95.7	96.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9
≥ 200	27.4	55.4	59.5	66.2	80.3	84.7	91.8	95.7	96.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9
≥ 100	27.4	55.4	59.5	66.2	80.3	84.7	91.8	95.7	96.9	99.1	99.4	99.6	100.0	100.0	100.0	100.0
≥ 0	27.4	55.4	59.5	66.2	80.3	84.7	91.8	95.7	96.9	99.1	99.4	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

704

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 STATION NO. SUESTERBERG NJ STATION NAME 8-77 YEARS 1400-2000 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	10.5	20.0	22.0	23.4	27.5	28.9	30.1	31.5	31.8	31.9	32.1	32.2	32.2	32.2	32.2	32.3
≥ 20000	14.6	29.4	32.3	34.4	40.3	42.4	43.9	46.0	46.4	46.6	46.7	46.8	46.8	46.8	46.8	47.0
≥ 18000	14.6	29.5	32.5	34.5	40.7	42.8	44.3	46.4	46.8	47.0	47.1	47.2	47.2	47.2	47.2	47.4
≥ 16000	14.6	29.5	32.5	34.5	40.7	42.8	44.3	46.4	46.8	47.0	47.1	47.2	47.2	47.2	47.2	47.4
≥ 14000	14.6	29.5	32.5	34.5	40.7	42.8	44.3	46.4	46.8	47.0	47.1	47.2	47.2	47.2	47.2	47.4
≥ 12000	15.0	30.2	33.2	35.3	41.6	43.9	45.5	47.7	48.1	48.2	48.3	48.5	48.5	48.5	48.5	48.6
≥ 10000	15.6	31.7	34.6	37.0	43.8	46.3	48.3	50.7	51.1	51.4	51.5	51.7	51.7	51.7	51.7	51.8
≥ 9000	16.4	32.8	35.8	38.5	45.9	48.9	51.3	54.0	54.8	55.3	55.4	55.6	55.6	55.6	55.6	55.7
≥ 8000	16.9	33.6	36.8	39.9	48.1	51.3	54.4	57.2	58.0	58.7	58.8	58.9	58.9	58.9	58.9	59.1
≥ 7000	16.9	33.6	36.8	39.9	48.1	51.3	54.4	57.2	58.0	58.7	58.8	58.9	58.9	58.9	58.9	59.1
≥ 6000	16.9	33.8	37.0	40.1	48.9	52.1	55.3	58.1	58.9	59.6	59.7	59.9	59.9	59.9	59.9	60.0
≥ 5000	18.1	36.1	39.3	42.4	51.7	54.9	58.5	61.7	62.7	63.4	63.5	63.6	63.6	63.6	63.6	63.8
≥ 4500	18.9	37.7	41.1	44.4	53.7	57.0	60.7	64.4	65.4	66.0	66.2	66.3	66.3	66.3	66.3	66.4
≥ 4000	19.6	39.9	43.5	47.0	56.6	60.1	64.2	68.1	69.1	69.8	69.9	70.1	70.1	70.1	70.1	70.2
≥ 3500	21.1	42.3	46.4	50.2	61.1	65.0	69.4	73.3	74.6	75.3	75.4	75.6	75.6	75.6	75.6	75.7
≥ 3000	21.7	43.8	47.9	52.2	63.5	67.9	72.9	77.3	78.7	79.3	79.5	79.6	79.6	79.6	79.6	79.7
≥ 2500	21.9	44.3	48.6	52.9	64.3	69.4	74.4	78.8	80.3	80.9	81.1	81.2	81.2	81.2	81.2	81.3
≥ 2000	22.4	45.8	50.5	55.3	67.5	72.8	77.7	82.6	84.0	84.7	85.0	85.1	85.1	85.1	85.1	85.2
≥ 1800	22.6	46.0	50.7	55.7	68.3	73.8	79.5	84.6	86.0	87.0	87.2	87.4	87.4	87.4	87.4	87.5
≥ 1500	22.6	46.0	50.7	55.8	68.9	74.5	80.1	85.4	86.8	88.2	88.5	88.7	88.7	88.9	88.9	89.0
≥ 1200	22.7	46.3	51.0	56.2	69.3	76.1	82.3	87.7	89.3	91.0	91.3	91.5	91.5	91.7	91.7	91.8
≥ 1000	22.7	46.3	51.0	56.2	69.8	76.4	82.7	88.2	89.9	91.7	91.9	92.2	92.2	92.3	92.3	92.5
≥ 900	22.7	46.3	51.0	56.2	69.9	76.5	83.2	89.1	91.1	93.0	93.3	93.6	93.6	93.7	93.7	93.8
≥ 800	22.7	46.3	51.0	56.2	69.9	76.6	84.0	90.1	92.1	94.0	94.2	94.5	94.5	94.6	94.6	94.8
≥ 700	22.7	46.3	51.0	56.2	69.9	76.6	84.0	90.3	92.5	94.6	95.0	95.3	95.3	95.4	95.4	95.6
≥ 600	22.7	46.3	51.0	56.2	69.9	76.6	84.2	91.1	93.4	96.4	96.9	97.1	97.3	97.4	97.4	97.6
≥ 500	22.7	46.3	51.0	56.2	69.9	76.8	84.3	91.5	93.8	96.9	97.6	98.1	98.1	98.3	98.3	98.4
≥ 400	22.7	46.3	51.0	56.2	69.9	76.8	84.3	91.5	94.0	97.4	98.3	98.9	99.1	99.2	99.2	99.3
≥ 300	22.7	46.3	51.0	56.2	69.9	76.8	84.3	91.5	94.0	97.7	98.9	99.6	99.7	99.9	99.9	100.0
≥ 200	22.7	46.3	51.0	56.2	69.9	76.8	84.3	91.5	94.0	97.7	98.9	99.6	99.7	99.9	99.9	100.0
≥ 100	22.7	46.3	51.0	56.2	69.9	76.8	84.3	91.5	94.0	97.7	98.9	99.6	99.7	99.9	99.9	100.0
≥ 0	22.7	46.3	51.0	56.2	69.9	76.8	84.3	91.5	94.0	97.7	98.9	99.6	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

745

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTEPBERG NL

68-77

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	12.6	25.1	27.6	29.6	35.9	36.6	39.6	41.1	42.1	42.2	42.2	42.2	42.2	42.3	42.3	42.4	
≥ 20000	13.8	27.5	30.2	32.7	41.4	42.3	45.4	47.1	48.2	48.3	48.3	48.3	48.3	48.4	48.4	48.6	
≥ 18000	13.8	27.6	30.3	32.8	41.5	42.4	45.6	47.3	48.3	48.4	48.4	48.4	48.4	48.6	48.6	48.7	
≥ 16000	13.8	27.6	30.3	32.8	41.5	42.4	45.6	47.3	48.3	48.4	48.4	48.4	48.4	48.6	48.6	48.7	
≥ 14000	14.1	27.9	30.6	33.1	41.8	42.7	45.8	47.5	48.6	48.7	48.7	48.7	48.7	48.8	48.8	49.0	
≥ 12000	14.2	28.6	31.4	33.9	42.6	43.5	46.6	48.3	49.3	49.5	49.5	49.5	49.5	49.6	49.6	49.7	
≥ 10000	14.3	29.4	32.2	34.8	43.8	44.8	48.0	49.7	50.8	50.9	50.9	50.9	50.9	51.0	51.0	51.2	
≥ 9000	15.0	30.2	32.9	35.8	45.2	46.4	50.4	52.6	54.3	54.6	54.6	54.6	54.6	54.7	54.7	54.8	
≥ 8000	15.5	31.5	34.5	37.6	47.0	48.2	52.7	55.1	57.0	57.4	57.4	57.4	57.4	57.6	57.6	57.7	
≥ 7000	15.5	31.5	34.5	37.6	47.1	48.3	53.0	55.3	57.3	57.7	57.7	57.7	57.7	57.8	57.8	57.9	
≥ 6000	15.5	31.5	34.5	37.6	47.4	48.7	53.5	55.9	57.8	58.2	58.2	58.2	58.2	58.3	58.3	58.5	
≥ 5000	15.8	32.4	36.1	39.2	49.2	50.7	55.7	58.7	60.8	61.2	61.2	61.2	61.2	61.3	61.3	61.5	
≥ 4500	16.4	33.7	37.5	40.6	51.7	53.1	58.3	61.7	63.9	64.3	64.3	64.3	64.3	64.5	64.5	64.6	
≥ 4000	17.1	35.5	39.8	43.6	55.2	56.8	62.2	65.9	68.1	68.5	68.5	68.5	68.5	68.6	68.6	68.8	
≥ 3500	17.8	37.8	42.3	46.5	58.9	60.5	66.5	70.2	72.5	72.9	73.0	73.0	73.0	73.2	73.2	73.3	
≥ 3000	18.2	39.7	44.7	48.8	62.4	64.6	70.7	74.5	76.8	77.2	77.3	77.3	77.3	77.5	77.5	77.6	
≥ 2500	18.4	40.2	45.2	49.6	63.4	65.9	72.1	76.0	78.4	78.8	78.9	78.9	78.9	79.0	79.0	79.2	
≥ 2000	18.9	42.1	47.5	52.1	66.7	69.1	75.4	79.4	82.0	82.4	82.6	82.6	82.6	82.7	82.7	82.8	
≥ 1800	18.9	42.6	48.0	52.7	67.6	70.1	76.4	80.6	83.3	83.7	83.9	83.9	83.9	84.0	84.0	84.1	
≥ 1500	18.9	42.7	48.4	53.4	68.4	71.0	77.5	81.6	84.6	85.2	85.3	85.3	85.3	85.4	85.4	85.5	
≥ 1200	18.9	43.4	49.5	54.6	70.1	73.2	80.2	84.8	87.9	88.4	88.5	88.5	88.5	88.7	88.7	88.8	
≥ 1000	18.9	43.4	49.6	54.7	70.6	74.1	81.6	86.2	89.3	89.8	90.0	90.0	90.0	90.1	90.1	90.2	
≥ 900	18.9	43.5	49.7	54.9	71.1	74.6	82.3	86.8	90.0	90.5	90.6	90.6	90.6	90.8	90.8	90.9	
≥ 800	18.9	43.6	49.9	55.1	71.5	75.0	82.8	87.4	90.8	91.4	91.5	91.5	91.5	91.7	91.7	91.8	
≥ 700	18.9	43.6	49.9	55.1	71.9	75.7	83.7	88.5	92.3	93.2	93.4	93.4	93.4	93.5	93.6	93.8	
≥ 600	18.9	43.8	50.0	55.2	72.0	75.8	84.2	89.7	93.9	95.1	95.3	95.3	95.3	95.4	95.6	95.7	
≥ 500	18.9	43.8	50.0	55.2	72.3	76.2	84.9	90.4	94.5	95.8	96.1	96.2	96.2	96.6	96.7	96.9	
≥ 400	18.9	43.8	50.0	55.2	72.3	76.2	84.9	90.4	94.8	96.6	97.3	97.4	97.4	97.8	97.9	98.0	
≥ 300	18.9	43.8	50.0	55.2	72.3	76.2	84.9	90.4	94.8	97.5	98.8	99.1	99.1	99.5	99.9	99.9	
≥ 200	18.9	43.8	50.0	55.2	72.3	76.2	84.9	90.4	94.8	97.5	98.8	99.1	99.1	99.5	99.9	99.9	
≥ 100	18.9	43.8	50.0	55.2	72.3	76.2	84.9	90.4	94.8	97.5	98.8	99.1	99.1	99.5	99.9	99.9	
≥ 0	18.9	43.8	50.0	55.2	72.3	76.2	84.9	90.4	94.8	97.5	98.8	99.1	99.1	99.5	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS

768

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 SLESTERBERG NJ

8-77

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5%6	≥ ¼	≥ 0
NO CEILING	8.2	18.0	19.9	21.8	26.7	28.5	31.1	33.5	34.6	35.4	35.8	36.0	36.4	36.5	36.5	36.8
≥ 20000	9.9	22.4	24.9	27.3	33.7	35.9	39.2	41.8	43.1	44.1	44.5	44.6	45.0	45.2	45.2	45.5
≥ 18000	10.0	22.6	25.0	27.4	33.9	36.1	39.5	42.1	43.4	44.4	44.8	45.0	45.3	45.5	45.5	45.9
≥ 16000	10.0	22.6	25.0	27.4	33.9	36.1	39.5	42.1	43.4	44.4	44.8	45.0	45.3	45.5	45.5	45.9
≥ 14000	10.1	22.7	25.1	27.6	34.0	36.2	39.6	42.3	43.6	44.6	45.0	45.1	45.5	45.7	45.7	46.0
≥ 12000	10.2	23.0	25.4	27.9	34.4	36.6	40.1	42.8	44.1	45.1	45.5	45.6	46.0	46.2	46.2	46.5
≥ 10000	10.6	24.1	26.6	29.3	36.1	38.4	42.1	45.1	46.4	47.4	47.8	48.0	48.4	48.6	48.6	48.9
≥ 9000	10.9	24.8	27.2	30.4	37.5	40.0	44.0	47.1	48.7	49.8	50.1	50.3	50.7	50.9	50.9	51.3
≥ 8000	11.2	25.6	28.4	31.4	39.1	41.7	45.9	49.2	50.9	52.1	52.5	52.7	53.1	53.3	53.3	53.6
≥ 7000	11.3	25.6	28.4	31.4	39.3	41.9	46.2	49.5	51.2	52.4	52.8	53.0	53.4	53.6	53.6	53.9
≥ 6000	11.3	25.8	28.6	31.7	39.8	42.5	46.8	50.1	51.9	53.0	53.4	53.6	54.0	54.2	54.2	54.6
≥ 5000	11.9	27.5	30.6	33.8	42.3	45.1	49.8	53.4	55.3	56.5	56.9	57.1	57.5	57.7	57.7	58.0
≥ 4500	12.4	28.7	31.9	35.2	44.2	47.2	52.0	55.8	57.8	59.1	59.5	59.7	60.1	60.3	60.3	60.6
≥ 4000	12.9	30.2	33.7	37.2	46.7	49.9	55.0	59.1	61.1	62.5	62.9	63.1	63.5	63.7	63.7	64.0
≥ 3500	13.6	31.8	35.5	39.3	49.4	52.9	58.2	62.4	64.6	66.0	66.4	66.6	67.0	67.2	67.2	67.5
≥ 3000	14.4	33.7	37.8	41.8	52.6	56.4	62.0	66.5	68.7	70.1	70.5	70.7	71.2	71.3	71.4	71.7
≥ 2500	15.1	35.0	39.3	43.5	54.6	58.5	64.3	68.8	71.0	72.5	73.0	73.2	73.6	73.8	73.8	74.1
≥ 2000	15.7	36.8	41.4	45.9	57.8	61.9	68.0	72.7	75.1	76.7	77.1	77.3	77.8	78.0	78.0	78.3
≥ 1800	16.1	37.6	42.2	46.8	59.1	63.3	69.6	74.6	77.0	78.7	79.1	79.3	79.8	79.9	80.0	80.3
≥ 1500	16.3	38.3	43.1	47.9	61.0	65.3	72.0	77.2	79.8	81.7	82.1	82.4	82.8	83.0	83.1	83.4
≥ 1200	16.4	38.9	43.9	49.0	63.0	68.0	75.1	80.6	83.4	85.4	85.9	86.2	86.7	86.8	86.9	87.2
≥ 1000	16.4	39.0	44.2	49.3	63.8	68.9	76.3	81.9	84.8	86.9	87.5	87.7	88.2	88.4	88.5	88.8
≥ 900	16.4	39.0	44.3	49.5	64.1	69.4	77.0	82.9	85.9	88.2	88.8	89.0	89.5	89.7	89.7	90.0
≥ 800	16.4	39.2	44.4	49.7	64.6	70.0	77.9	84.2	87.4	89.9	90.5	90.7	91.2	91.4	91.4	91.8
≥ 700	16.4	39.2	44.5	49.8	64.9	70.5	78.7	85.2	88.5	91.1	91.8	92.0	92.6	92.8	92.8	93.2
≥ 600	16.4	39.2	44.6	49.9	65.1	70.7	79.1	86.2	89.8	92.7	93.5	93.8	94.4	94.6	94.6	95.0
≥ 500	16.4	39.3	44.6	50.0	65.3	70.9	79.4	86.7	90.5	93.8	94.7	95.0	95.7	96.0	96.0	96.3
≥ 400	16.4	39.3	44.6	50.0	65.3	71.0	79.5	86.9	91.0	94.5	95.5	96.0	96.7	97.0	97.1	97.4
≥ 300	16.4	39.3	44.6	50.0	65.3	71.0	79.6	87.1	91.2	95.1	96.5	97.0	97.9	98.5	98.5	99.0
≥ 200	16.4	39.3	44.6	50.0	65.3	71.0	79.6	87.1	91.2	95.3	96.7	97.3	98.2	98.9	99.0	99.6
≥ 100	16.4	39.3	44.6	50.0	65.4	71.1	79.6	87.1	91.2	95.3	96.7	97.3	98.3	99.1	99.2	100.0
≥ 0	16.4	39.3	44.6	50.0	65.4	71.1	79.6	87.1	91.2	95.3	96.7	97.3	98.3	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

5975

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 SOESTERBERG NL

68-77

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	18.5	31.5	34.3	35.3	41.7	43.1	44.6	45.8	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.9
≥ 20000	19.3	33.9	37.7	39.1	46.5	48.6	50.1	51.4	52.0	52.5	52.5	52.5	52.5	52.5	52.7	52.9
≥ 18000	19.3	33.9	37.7	39.1	46.5	48.6	50.1	51.4	52.0	52.5	52.5	52.5	52.5	52.5	52.7	52.9
≥ 16000	19.3	33.9	37.7	39.1	46.5	48.6	50.1	51.4	52.0	52.5	52.5	52.5	52.5	52.5	52.7	52.9
≥ 14000	19.3	33.9	37.7	39.1	46.5	48.6	50.1	51.4	52.0	52.5	52.5	52.5	52.5	52.5	52.7	52.9
≥ 12000	19.3	34.2	38.0	39.4	46.9	49.0	50.5	51.8	52.5	52.9	52.9	52.9	52.9	52.9	53.1	53.3
≥ 10000	19.9	35.4	39.2	40.6	48.1	50.4	52.0	53.3	54.0	54.4	54.4	54.4	54.4	54.4	54.6	54.8
≥ 9000	20.2	35.8	39.6	41.0	48.6	51.0	52.6	53.8	54.5	54.9	54.9	54.9	54.9	54.9	55.2	55.3
≥ 8000	20.3	36.4	40.2	41.7	49.6	51.9	53.5	54.8	55.4	55.9	55.9	55.9	55.9	55.9	56.1	56.3
≥ 7000	20.3	36.4	40.2	41.7	49.6	51.9	53.5	54.8	55.4	55.9	55.9	55.9	55.9	55.9	56.1	56.3
≥ 6000	20.3	36.4	40.5	42.1	50.0	52.3	54.0	55.2	55.9	56.3	56.3	56.3	56.3	56.3	56.5	56.7
≥ 5000	22.3	39.8	44.1	45.9	54.4	56.9	58.6	59.9	60.8	61.2	61.2	61.2	61.2	61.2	61.4	61.6
≥ 4500	22.6	40.5	45.0	47.3	55.9	58.4	60.1	61.6	62.4	62.8	62.8	62.8	62.8	62.8	63.1	63.2
≥ 4000	24.3	43.2	48.5	51.1	60.1	62.9	64.7	66.2	67.0	67.4	67.4	67.4	67.4	67.4	67.7	67.8
≥ 3500	24.5	45.4	50.8	53.5	63.1	66.1	67.8	69.3	70.2	70.6	70.7	70.7	70.7	70.7	71.0	71.1
≥ 3000	25.3	47.0	52.5	55.2	64.9	67.8	69.6	71.1	71.9	72.3	72.5	72.5	72.5	72.5	72.8	72.9
≥ 2500	26.7	49.6	55.2	57.9	67.7	70.7	72.6	74.4	75.2	75.6	75.7	75.7	75.7	75.7	76.0	76.2
≥ 2000	27.2	52.0	57.8	60.6	71.0	74.3	76.2	77.9	78.9	79.3	79.4	79.4	79.4	79.4	79.7	79.8
≥ 1800	27.2	52.6	58.3	61.2	71.7	74.9	77.0	78.9	80.0	80.4	80.5	80.5	80.5	80.5	80.8	80.9
≥ 1500	27.8	53.7	59.7	62.5	73.6	77.0	79.2	81.2	82.4	82.8	83.0	83.0	83.0	83.0	83.2	83.4
≥ 1200	28.1	54.8	61.0	63.9	75.2	73.9	81.1	83.1	84.5	84.9	85.0	85.0	85.0	85.0	85.3	85.4
≥ 1000	28.3	55.7	62.0	65.0	76.6	80.4	82.7	84.7	86.2	86.6	86.8	86.8	86.8	86.8	87.1	87.2
≥ 900	28.3	56.0	62.4	65.5	77.4	81.3	83.7	85.7	87.2	87.6	87.7	87.7	87.7	87.7	88.0	88.1
≥ 800	28.3	56.0	62.7	65.9	78.6	83.1	85.8	88.0	89.6	90.1	90.2	90.2	90.2	90.2	90.5	90.6
≥ 700	28.3	56.3	63.1	66.3	79.4	84.1	86.9	89.5	91.3	91.7	91.8	91.8	91.8	91.8	92.1	92.2
≥ 600	28.3	56.3	63.1	66.3	79.6	84.6	87.6	90.7	92.8	93.2	93.3	93.3	93.3	93.3	93.6	93.7
≥ 500	28.3	56.3	63.1	66.3	79.7	84.9	88.1	91.7	93.9	94.3	94.4	94.4	94.4	94.4	94.7	94.8
≥ 400	28.3	56.4	63.4	66.6	80.0	85.1	89.0	92.6	95.0	95.6	95.8	95.8	95.9	95.9	96.2	96.3
≥ 300	28.3	56.4	63.4	66.6	80.0	85.1	89.2	93.2	95.8	96.6	97.0	97.3	97.4	97.5	97.8	98.0
≥ 200	28.3	56.4	63.4	66.6	80.0	85.1	89.2	93.3	96.0	96.9	97.7	98.0	98.4	98.6	98.9	99.5
≥ 100	28.3	56.4	63.4	66.6	80.0	85.1	89.2	93.3	96.0	96.9	97.7	98.0	98.4	98.6	98.9	100.0
≥ 0	28.3	56.4	63.4	66.6	80.0	85.1	89.2	93.3	96.0	96.9	97.7	98.0	98.4	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

734

USAF ETAC 10PM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUFSTERBERG NJ

68-77

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥⅓	≥0
NO CEILING	10.8	23.6	27.8	28.8	35.1	37.1	39.0	41.5	42.2	43.6	44.3	44.5	44.6	45.0	45.0	45.7
≥ 20000	11.3	25.9	30.6	31.7	39.0	41.8	43.8	46.3	47.1	48.5	49.5	49.7	49.8	50.2	50.2	50.9
≥ 18000	11.3	25.9	30.6	31.7	39.0	41.8	43.8	46.3	47.1	48.5	49.5	49.7	49.8	50.2	50.2	50.9
IV 16000	11.3	25.9	30.6	31.7	39.0	41.8	43.8	46.3	47.1	48.5	49.5	49.7	49.8	50.2	50.2	50.9
IV 14000	11.3	25.9	30.6	32.2	39.4	42.2	44.2	46.7	47.6	49.0	49.9	50.1	50.2	50.6	50.6	51.3
IV 12000	11.3	25.9	30.6	32.2	39.6	42.4	44.3	46.9	47.7	49.2	50.2	50.3	50.5	50.9	50.9	51.6
IV 10000	11.3	26.0	30.9	32.4	39.9	42.7	44.8	47.6	48.5	50.1	51.0	51.2	51.3	51.7	51.7	52.4
IV 9000	11.5	26.4	31.3	33.0	40.6	43.6	45.7	48.5	49.5	51.0	52.0	52.2	52.3	52.7	52.7	53.4
IV 8000	11.7	26.7	31.7	33.4	41.4	44.5	46.6	49.4	50.5	52.0	53.0	53.1	53.3	53.7	53.7	54.4
IV 7000	11.7	26.7	31.7	33.4	41.4	44.5	46.6	49.4	50.5	52.0	53.0	53.1	53.3	53.7	53.7	54.4
IV 6000	11.9	26.9	31.9	33.6	41.5	44.6	46.7	49.5	50.6	52.2	53.1	53.3	53.4	53.8	53.8	54.5
IV 5000	12.4	28.4	33.7	35.7	44.5	47.7	49.8	52.6	53.7	55.4	56.4	56.5	56.6	57.1	57.1	57.8
IV 4500	12.7	29.2	34.7	36.6	45.6	49.0	51.2	54.0	55.1	56.8	57.8	57.9	58.0	58.5	58.5	59.2
IV 4000	13.8	32.4	38.3	40.3	49.5	53.0	55.7	58.7	59.9	61.5	62.5	62.7	62.8	63.2	63.2	63.9
IV 3500	14.3	33.3	39.2	41.1	50.6	54.1	56.9	60.3	61.4	63.2	64.2	64.3	64.5	64.9	64.9	65.6
IV 3000	15.2	34.5	40.7	42.9	52.9	56.4	59.2	62.5	63.6	65.5	66.4	66.6	66.7	67.1	67.1	67.8
IV 2500	16.2	35.7	42.1	44.3	54.5	58.0	61.0	64.6	65.7	67.6	68.5	68.7	68.8	69.2	69.2	69.9
IV 2000	17.2	37.8	44.3	46.7	57.3	61.3	64.3	68.3	69.4	71.3	72.3	72.4	72.6	73.0	73.0	73.7
IV 1800	17.5	39.2	45.9	48.3	58.9	62.9	66.0	70.1	71.3	73.3	74.3	74.4	74.5	75.0	75.0	75.7
IV 1500	17.8	40.1	47.0	49.4	60.4	64.6	67.7	71.7	73.0	75.2	76.2	76.4	76.6	77.1	77.1	77.8
IV 1200	18.0	41.3	48.4	50.8	62.5	66.9	70.1	74.4	75.7	77.9	78.9	79.0	79.3	79.7	79.7	80.4
IV 1000	18.0	42.0	49.2	52.2	65.0	69.7	72.9	77.3	78.6	80.8	81.8	82.0	82.2	82.7	82.7	83.4
IV 900	18.0	42.2	49.7	53.1	66.3	70.9	74.1	78.9	80.1	82.4	83.5	83.6	83.9	84.3	84.3	85.0
IV 800	18.0	42.7	50.2	53.7	67.3	72.0	75.5	80.6	81.8	84.1	85.2	85.2	85.6	86.0	86.0	86.7
IV 700	18.0	42.9	50.5	54.4	68.4	73.6	77.2	82.4	83.6	86.0	87.1	87.3	87.6	88.0	88.0	88.7
IV 600	18.0	42.9	50.8	55.0	69.0	74.1	77.8	83.5	84.9	87.3	88.4	88.5	88.8	89.2	89.2	89.9
IV 500	18.0	43.1	50.9	55.1	69.9	75.1	78.7	84.6	86.7	89.1	90.2	90.3	90.6	91.0	91.0	91.7
IV 400	18.0	43.1	50.9	55.1	70.2	75.5	79.7	86.0	88.3	91.0	92.3	92.4	92.7	93.1	93.1	93.8
IV 300	18.0	43.1	50.9	55.1	70.2	75.5	79.7	86.7	89.7	93.3	94.7	94.8	95.2	95.7	95.7	96.4
IV 200	18.0	43.1	50.9	55.1	70.2	75.5	79.7	86.7	89.7	93.4	94.8	95.0	95.5	96.2	96.4	97.9
IV 100	18.0	43.1	50.9	55.1	70.2	75.5	79.7	86.7	89.7	93.4	94.8	95.0	95.7	96.8	96.9	99.6
IV 0	18.0	43.1	50.9	55.1	70.2	75.5	79.7	86.7	89.7	93.4	94.8	95.0	95.7	96.8	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS

715

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	8.4	17.0	18.6	19.6	24.3	26.4	28.6	30.1	30.8	32.4	32.8	33.7	33.9	34.4	34.4	35.2
≥ 20000	9.5	20.9	23.6	24.7	31.1	33.7	36.5	38.8	40.1	42.6	43.0	44.0	44.5	45.2	45.2	46.0
≥ 18000	9.5	20.9	23.6	24.7	31.1	33.7	36.5	38.8	40.1	42.6	43.0	44.0	44.5	45.2	45.2	46.0
≥ 16000	9.5	20.9	23.6	24.7	31.1	33.7	36.5	38.8	40.1	42.6	43.0	44.0	44.5	45.2	45.2	46.0
≥ 14000	9.7	21.2	23.9	25.0	31.5	34.1	36.9	39.2	40.5	43.0	43.5	44.5	44.9	45.6	45.6	46.4
≥ 12000	9.7	21.2	24.0	25.1	31.7	34.2	37.1	39.3	40.6	43.2	43.8	44.7	45.2	45.9	45.9	46.7
≥ 10000	10.1	22.0	25.0	26.4	33.7	36.2	39.2	41.5	42.8	45.5	46.0	47.0	47.4	48.2	48.2	49.0
≥ 9000	10.4	22.7	26.0	27.4	34.7	37.2	40.2	42.5	43.9	46.7	47.4	48.6	49.0	49.7	49.7	50.6
≥ 8000	10.5	23.0	26.3	27.8	35.2	37.8	40.9	43.3	44.7	47.6	48.3	49.4	49.9	50.6	50.6	51.4
≥ 7000	10.5	23.0	26.3	27.8	35.2	37.8	40.9	43.3	44.7	47.6	48.3	49.4	49.9	50.6	50.6	51.4
≥ 6000	10.7	23.4	26.7	28.3	35.7	38.2	41.3	43.8	45.2	48.0	48.7	49.9	50.3	51.0	51.0	51.8
≥ 5000	10.9	24.1	27.7	29.3	36.9	39.5	42.8	45.2	47.0	50.1	50.9	52.0	52.4	53.1	53.1	54.0
≥ 4500	11.2	25.1	28.7	30.4	38.5	41.2	44.5	47.2	49.1	52.3	53.3	54.4	54.8	55.5	55.5	56.4
≥ 4000	12.1	26.4	30.1	32.0	40.3	43.0	46.3	49.3	51.7	54.8	55.8	57.0	57.4	58.1	58.1	58.9
≥ 3500	12.9	28.3	32.1	34.1	43.3	46.2	49.6	52.6	55.1	58.2	59.2	60.5	60.9	61.6	61.6	62.5
≥ 3000	13.5	29.4	33.4	35.5	45.3	48.3	51.7	54.7	57.4	60.5	61.5	62.9	63.5	64.3	64.3	65.2
≥ 2500	14.6	31.8	35.9	38.1	47.9	50.9	54.3	57.2	59.9	63.1	64.1	65.5	66.1	66.9	66.9	67.8
≥ 2000	14.8	32.8	36.9	39.1	49.7	52.8	56.4	59.5	62.4	65.5	66.5	67.9	68.5	69.3	69.3	70.2
≥ 1800	15.1	33.5	37.6	39.8	50.7	54.0	57.7	60.8	63.6	66.8	67.8	69.2	69.7	70.6	70.6	71.4
≥ 1500	15.5	35.5	39.8	41.9	53.3	56.5	60.5	63.8	66.6	69.9	70.9	72.3	72.9	73.7	73.7	74.6
≥ 1200	15.5	36.5	41.2	43.5	55.8	59.5	63.6	66.9	70.0	73.3	74.3	75.7	76.4	77.3	77.3	78.1
≥ 1000	15.5	37.1	41.8	44.2	57.8	61.6	65.9	69.6	72.7	76.0	77.0	78.4	79.1	80.0	80.0	80.8
≥ 900	15.6	37.6	42.5	45.3	59.7	63.8	68.6	72.3	75.4	78.8	79.8	81.3	82.1	83.0	83.0	83.8
≥ 800	15.6	38.1	42.9	45.7	60.8	65.1	70.5	74.3	77.4	81.0	82.0	83.4	84.2	85.1	85.1	85.9
≥ 700	15.6	38.2	43.0	45.9	61.2	66.1	71.9	75.9	79.0	82.8	83.8	85.2	86.4	87.2	87.2	88.1
≥ 600	15.6	38.4	43.2	46.0	61.8	66.6	72.4	77.1	80.5	84.7	85.8	87.2	88.4	89.2	89.2	90.1
≥ 500	15.6	38.4	43.2	46.2	61.9	66.8	72.7	78.0	81.5	85.8	86.9	88.4	89.5	90.6	90.6	91.5
≥ 400	15.6	38.4	43.2	46.2	62.1	66.9	73.2	78.8	82.5	87.2	88.9	90.3	91.9	93.2	93.2	94.0
≥ 300	15.6	38.4	43.2	46.2	62.1	66.9	73.2	79.1	83.0	87.9	90.3	92.0	93.8	95.6	95.7	96.9
≥ 200	15.6	38.4	43.2	46.2	62.1	66.9	73.2	79.1	83.0	88.1	90.5	92.2	93.9	95.9	96.7	98.6
≥ 100	15.6	38.4	43.2	46.2	62.1	66.9	73.2	79.1	83.0	88.1	90.5	92.2	93.9	96.2	97.0	100.0
≥ 0	15.6	38.4	43.2	46.2	62.1	66.9	73.2	79.1	83.0	88.1	90.5	92.2	93.9	96.2	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS

704

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SOESTERBERG NJ

48-77

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	12.2	18.3	19.6	21.3	24.8	25.5	26.8	27.1	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 20000	13.6	24.9	26.5	28.4	33.3	34.9	37.7	38.3	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 18000	13.6	24.9	26.5	28.4	33.3	34.9	37.8	38.4	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 16000	13.6	24.9	26.5	28.4	33.6	35.2	38.1	38.7	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 14000	13.6	25.2	26.8	28.9	34.0	35.6	38.7	39.3	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 12000	13.9	25.8	27.4	29.5	34.6	36.2	37.4	40.0	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 10000	14.2	26.8	28.6	30.9	36.2	38.0	41.3	41.9	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 9000	14.4	27.3	29.0	31.5	36.8	38.9	43.1	43.7	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 8000	14.4	28.2	30.2	32.8	38.6	40.9	45.5	46.2	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 7000	14.4	28.2	30.2	32.8	38.6	40.9	45.5	46.2	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 6000	14.5	28.4	30.5	33.1	39.1	41.5	46.2	46.9	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 5000	15.4	29.9	32.1	35.0	41.1	43.8	49.0	49.9	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 4500	16.0	31.7	34.0	37.1	43.3	46.0	51.3	52.2	52.9	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 4000	17.3	33.6	35.9	39.3	45.7	48.7	54.1	55.0	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 3500	18.0	34.5	37.0	40.5	47.1	50.0	55.4	56.3	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 3000	18.9	35.8	38.3	42.4	49.1	52.1	57.6	58.7	59.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 2500	22.0	40.2	42.7	47.2	54.5	57.5	63.0	64.1	65.1	65.5	65.5	65.5	65.7	65.7	65.7	65.7
≥ 2000	25.4	46.0	48.8	53.8	61.7	64.7	70.2	71.3	72.3	72.7	72.7	72.7	72.9	72.9	72.9	72.9
≥ 1800	26.4	47.8	50.6	55.6	64.2	67.3	73.3	74.3	75.4	75.8	75.8	75.8	76.0	76.0	76.0	76.0
≥ 1500	28.0	50.7	53.8	59.1	68.6	71.8	78.0	79.2	80.2	80.6	80.6	80.6	80.8	80.8	80.8	80.8
≥ 1200	28.3	52.3	56.5	62.5	73.6	77.4	83.9	85.0	86.1	86.5	86.5	86.5	86.7	86.7	86.7	86.7
≥ 1000	28.4	52.6	56.7	62.9	74.6	78.4	84.9	86.7	88.0	88.7	88.9	88.9	89.0	89.0	89.0	89.0
≥ 900	28.4	52.8	56.9	63.0	75.2	79.0	85.5	87.2	88.6	89.3	89.4	89.4	89.6	89.6	89.6	89.6
≥ 800	28.4	52.9	57.0	63.2	75.5	79.5	85.9	88.1	89.4	90.3	90.5	90.5	90.6	90.6	90.6	90.6
≥ 700	28.4	52.9	57.2	63.3	76.0	80.1	86.5	88.7	90.0	90.9	91.1	91.1	91.2	91.2	91.2	91.2
≥ 600	28.4	53.1	57.3	63.5	76.2	80.8	87.8	90.2	91.9	93.0	93.1	93.3	93.4	93.4	93.4	93.4
≥ 500	28.4	53.2	57.5	63.6	76.4	80.9	88.3	91.3	93.3	94.4	94.6	94.7	94.9	94.9	94.9	94.9
≥ 400	28.4	53.2	57.6	63.8	76.5	81.2	88.7	91.9	93.8	95.2	95.3	95.5	95.7	95.7	95.7	95.7
≥ 300	28.4	53.2	57.6	63.8	76.5	81.2	88.9	92.2	94.3	95.9	96.3	96.8	97.5	97.5	97.5	97.7
≥ 200	28.4	53.2	57.6	63.8	76.5	81.2	88.9	92.2	94.3	96.0	96.8	97.2	98.4	98.7	99.0	99.7
≥ 100	28.4	53.2	57.6	63.8	76.5	81.2	88.9	92.2	94.3	96.0	96.8	97.2	98.4	98.7	99.0	100.0
≥ 0	28.4	53.2	57.6	63.8	76.5	81.2	88.9	92.2	94.3	96.0	96.8	97.2	98.4	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

682

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

00265
STATION

SJESTERBERG ILL
STATION NAME

68-77
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.3	22.5	24.2	25.5	26.6	26.8	27.1	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 20000	18.1	30.9	33.0	34.4	36.2	36.4	37.0	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000	18.1	30.9	33.0	34.4	36.2	36.4	37.0	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000	18.2	31.1	33.1	34.5	36.5	36.7	37.2	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000	18.6	31.5	33.7	35.1	37.1	37.2	37.8	38.5	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 12000	18.6	31.7	32.8	35.7	37.8	38.0	38.5	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 10000	18.9	33.7	36.0	37.8	40.1	40.3	40.8	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 9000	19.9	34.8	37.1	39.0	41.3	41.4	42.3	43.0	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 8000	19.9	35.8	38.4	40.5	43.8	44.1	45.1	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 7000	19.9	36.0	38.5	40.8	44.1	44.4	45.4	46.1	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 6000	20.2	36.2	39.0	41.3	44.7	45.0	46.0	46.7	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 5000	20.6	37.5	40.3	42.7	46.4	46.8	47.9	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4500	21.6	39.3	42.0	44.6	48.4	49.0	50.0	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 4000	23.2	40.8	43.6	46.3	50.3	50.9	52.0	52.9	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 3500	25.2	43.7	46.6	49.3	53.6	54.2	55.3	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 3000	29.5	48.6	51.7	54.6	59.2	59.7	60.9	61.9	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 2500	35.5	56.6	60.0	63.0	67.8	68.3	69.5	70.5	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2000	40.0	64.5	68.5	71.8	77.5	78.4	79.5	80.5	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	40.7	65.8	70.1	73.4	79.7	81.2	82.5	83.5	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	41.1	67.2	71.6	75.1	82.5	84.1	85.5	86.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	41.5	68.6	73.2	76.8	85.5	87.7	89.4	90.4	91.0	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 1000	41.5	68.8	73.4	76.9	86.1	88.4	90.1	91.1	92.1	92.8	92.8	92.8	93.0	93.0	93.0	93.0
≥ 900	41.5	68.9	73.6	77.2	86.8	89.1	90.8	92.3	93.4	94.1	94.1	94.1	94.3	94.3	94.3	94.3
≥ 800	41.5	68.9	73.6	77.2	87.1	89.7	91.5	93.1	94.3	95.1	95.1	95.1	95.3	95.3	95.3	95.3
≥ 700	41.5	68.9	73.6	77.2	87.1	89.7	91.7	93.4	94.7	95.6	95.7	95.7	95.8	95.8	95.8	95.8
≥ 600	41.5	69.1	73.8	77.4	87.2	90.0	92.1	94.0	95.3	96.6	96.8	96.8	97.0	97.0	97.0	97.0
≥ 500	41.5	69.1	73.8	77.4	87.2	90.0	92.3	94.6	96.1	97.7	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	41.5	69.1	73.8	77.4	87.2	90.0	92.3	95.1	96.8	98.7	99.0	99.1	99.3	99.3	99.3	99.3
≥ 300	41.5	69.1	73.8	77.4	87.2	90.0	92.3	95.1	97.0	99.3	99.6	99.7	99.9	99.9	99.9	99.9
≥ 200	41.5	69.1	73.8	77.4	87.2	90.0	92.3	95.1	97.0	99.3	99.6	99.7	100.0	100.0	100.0	100.0
≥ 100	41.5	69.1	73.8	77.4	87.2	90.0	92.3	95.1	97.0	99.3	99.6	99.7	100.0	100.0	100.0	100.0
≥ 0	41.5	69.1	73.8	77.4	87.2	90.0	92.3	95.1	97.0	99.3	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

698

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0626

SUESTERBERG NJ

6-8-77

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	17.7	26.6	28.3	28.9	30.6	30.6	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	23.1	36.0	38.1	38.9	41.3	41.3	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000	23.1	36.5	38.7	39.5	41.9	41.9	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 16000	23.3	36.6	38.9	39.6	42.1	42.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 14000	23.9	37.5	39.8	40.5	43.0	43.0	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 12000	23.9	38.4	41.0	41.8	44.2	44.2	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 10000	25.0	40.8	43.6	44.3	46.9	47.0	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 9000	26.2	42.2	44.9	45.7	48.3	48.4	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	27.1	44.3	47.2	48.0	51.0	51.3	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 7000	27.1	44.5	47.4	48.1	51.1	51.4	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 6000	27.2	45.1	48.0	48.7	51.7	52.0	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 5000	28.7	47.5	50.7	51.6	55.1	55.4	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 4500	31.2	50.7	54.0	54.9	58.9	59.2	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 4000	32.7	53.1	56.4	57.3	61.7	62.2	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3500	34.8	56.1	59.6	60.7	65.5	66.0	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	39.0	61.7	65.5	66.7	72.2	72.8	75.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	42.4	66.6	70.3	71.6	77.5	78.1	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2000	44.2	70.5	74.4	75.6	82.3	82.9	85.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1800	44.5	72.2	76.2	77.5	84.1	84.7	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	44.9	73.7	77.8	79.1	87.1	87.7	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	45.2	74.0	78.5	80.2	89.0	90.2	93.2	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	45.2	74.0	78.5	80.2	89.3	90.6	93.9	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	45.2	74.0	78.5	80.2	89.3	90.9	94.4	95.9	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	45.2	74.0	78.5	80.2	89.3	91.1	94.7	96.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	45.2	74.0	78.5	80.2	89.3	91.1	95.3	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	45.2	74.0	78.5	80.2	89.6	91.4	95.6	97.7	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	45.2	74.0	78.5	80.2	89.7	91.5	95.8	98.0	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	45.2	74.0	78.5	80.2	89.7	91.5	95.8	98.0	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	45.2	74.0	78.5	80.2	89.7	91.5	95.8	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	45.2	74.0	78.5	80.2	89.7	91.5	95.8	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	45.2	74.0	78.5	80.2	89.7	91.5	95.8	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	45.2	74.0	78.5	80.2	89.7	91.5	95.8	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

661

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

08-77

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	24.7	37.9	39.1	39.5	41.4	42.6	43.4	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 20000	30.9	48.3	50.7	51.4	54.5	56.0	57.3	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	31.5	49.8	52.4	53.1	56.2	57.7	58.9	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	31.5	49.8	52.4	53.1	56.2	57.7	58.9	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	31.5	50.1	52.6	53.5	56.6	58.1	59.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	31.5	50.5	53.1	53.9	57.0	58.5	59.7	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	32.6	52.9	55.5	56.4	59.6	61.2	62.6	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	33.2	54.0	56.9	57.9	61.5	63.1	64.5	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	33.5	54.5	57.4	58.5	62.0	63.8	65.4	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 7000	33.5	55.0	57.8	58.9	62.4	64.2	65.8	66.8	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	33.5	55.5	58.3	59.4	63.0	64.9	66.5	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 5000	35.1	58.5	61.6	63.0	66.9	68.8	70.4	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	36.4	60.5	63.8	65.1	69.5	71.5	73.1	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4000	36.9	62.0	65.4	66.8	71.1	73.1	74.8	75.8	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	37.7	64.5	67.8	69.3	73.7	75.7	77.3	78.4	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3000	39.2	66.9	70.6	72.3	76.8	78.8	80.6	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	39.8	68.0	71.6	73.4	78.0	80.1	81.8	83.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	40.4	69.7	73.4	75.2	80.1	82.1	84.0	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	40.8	70.7	74.4	76.3	81.5	83.6	85.5	86.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	41.2	72.2	76.0	77.9	83.6	85.9	88.5	89.7	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	41.4	73.0	77.2	79.1	85.1	87.4	90.2	91.7	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	41.4	73.0	77.3	79.2	85.2	87.8	90.6	92.1	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	41.5	73.3	77.6	79.6	85.8	88.3	91.2	92.8	94.0	94.3	94.4	94.4	94.4	94.6	94.6	94.6
≥ 800	41.5	73.3	77.6	79.6	86.3	88.9	91.9	93.5	94.7	95.0	95.1	95.1	95.1	95.3	95.3	95.3
≥ 700	41.5	73.3	77.6	79.6	86.6	89.1	92.4	94.2	95.7	96.3	96.5	96.5	96.5	96.6	96.6	96.6
≥ 600	41.5	73.3	77.6	79.6	86.8	89.6	92.7	94.8	96.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8
≥ 500	41.5	73.3	77.6	79.6	87.0	89.7	93.5	95.5	97.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9
≥ 400	41.5	73.3	77.6	79.6	87.0	89.7	93.6	95.8	97.7	99.1	99.2	99.2	99.2	99.3	99.3	99.3
≥ 300	41.5	73.3	77.6	79.6	87.0	89.7	93.6	95.9	97.8	99.2	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	41.5	73.3	77.6	79.6	87.0	89.7	93.6	95.9	97.8	99.2	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	41.5	73.3	77.6	79.6	87.0	89.7	93.6	95.9	97.8	99.2	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	41.5	73.3	77.6	79.6	87.0	89.7	93.6	95.9	97.8	99.2	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

737

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 STATION NAME SOESTERBERG, MI

68-77

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5'16"	≥¼	≥0
NO CEILING	23.4	39.6	41.0	42.8	45.4	46.1	47.9	48.7	48.8	49.1	49.4	49.5	49.5	49.5	49.5	49.5
≥ 20000	25.5	45.7	47.9	49.9	53.9	54.6	56.7	57.7	57.8	58.1	58.3	58.5	58.5	58.5	58.5	58.5
≥ 18000	25.5	45.9	48.3	50.3	54.3	55.0	57.1	58.1	58.2	58.5	58.8	58.9	58.9	58.9	58.9	58.9
≥ 16000	25.5	45.9	48.3	50.3	54.3	55.0	57.1	58.1	58.2	58.5	58.8	58.9	58.9	58.9	58.9	58.9
≥ 14000	25.5	45.9	48.3	50.3	54.3	55.0	57.1	58.1	58.2	58.5	58.8	58.9	58.9	58.9	58.9	58.9
≥ 12000	25.5	46.5	48.8	50.9	54.9	55.6	57.7	58.6	58.8	59.0	59.3	59.4	59.4	59.4	59.4	59.4
≥ 10000	25.7	47.6	50.2	52.6	56.6	57.2	59.3	60.3	60.4	60.7	61.0	61.1	61.1	61.1	61.1	61.1
≥ 9000	25.8	48.3	51.0	53.5	57.7	58.3	60.4	61.4	61.5	61.8	62.1	62.2	62.2	62.2	62.2	62.2
≥ 8000	25.8	48.8	51.7	54.3	58.5	59.2	61.2	62.3	62.5	62.8	63.0	63.2	63.2	63.2	63.2	63.2
≥ 7000	25.8	49.0	51.9	54.6	59.2	59.9	61.9	63.0	63.2	63.4	63.7	63.9	63.9	63.9	63.9	63.9
≥ 6000	25.8	49.0	51.9	54.6	59.2	59.9	61.9	63.0	63.2	63.4	63.7	63.9	63.9	63.9	63.9	63.9
≥ 5000	27.2	51.2	54.5	57.2	62.3	63.0	65.1	66.3	66.5	66.8	67.0	67.2	67.2	67.2	67.2	67.2
≥ 4500	27.9	53.2	56.6	59.3	65.1	65.9	68.3	69.5	69.7	69.9	70.2	70.3	70.3	70.3	70.3	70.3
≥ 4000	28.6	54.8	58.1	61.1	66.9	67.7	70.1	71.3	71.4	71.7	72.0	72.1	72.1	72.1	72.1	72.1
≥ 3500	28.8	55.9	59.2	62.2	68.4	69.2	71.6	72.8	73.0	73.2	73.5	73.7	73.7	73.7	73.7	73.7
≥ 3000	30.5	58.3	61.8	65.4	71.7	72.6	74.9	76.1	76.3	76.7	77.0	77.1	77.1	77.1	77.1	77.1
≥ 2500	31.6	60.8	64.3	67.9	74.2	75.4	77.8	79.0	79.2	79.6	79.9	80.0	80.0	80.0	80.0	80.0
≥ 2000	32.1	62.5	66.1	69.8	76.3	77.7	80.1	81.4	81.7	82.1	82.3	82.5	82.5	82.5	82.5	82.5
≥ 1800	32.3	63.2	66.8	70.5	77.0	78.3	80.8	82.1	82.3	82.8	83.0	83.2	83.2	83.2	83.2	83.2
≥ 1500	32.6	64.7	68.7	72.6	79.0	80.4	83.3	84.7	85.0	85.4	85.7	85.8	85.8	85.8	85.8	85.8
≥ 1200	33.1	67.0	71.4	75.3	81.8	83.3	86.5	88.3	88.7	89.1	89.4	89.7	89.8	89.8	89.8	89.8
≥ 1000	33.1	68.0	72.4	76.4	83.2	84.7	88.1	90.2	90.6	91.0	91.3	91.6	91.7	91.7	91.7	91.7
≥ 900	33.1	68.0	72.4	76.4	83.3	84.8	88.3	90.5	90.9	91.3	91.6	91.9	92.0	92.0	92.0	92.0
≥ 800	33.1	68.3	72.7	76.8	83.9	85.8	89.4	92.4	92.8	93.4	93.7	93.9	94.1	94.1	94.1	94.1
≥ 700	33.1	68.4	72.8	77.0	84.1	86.3	90.2	93.5	93.9	94.5	94.8	95.0	95.2	95.2	95.2	95.2
≥ 600	33.1	68.6	73.0	77.1	84.4	86.8	90.9	95.0	95.6	96.3	96.6	96.8	97.0	97.0	97.0	97.0
≥ 500	33.1	68.6	73.0	77.1	84.7	87.3	91.4	95.7	96.4	97.1	97.4	97.7	97.8	97.8	97.8	97.8
≥ 400	33.1	68.7	73.1	77.2	84.8	87.4	91.6	96.0	96.8	97.5	97.8	98.1	98.2	98.2	98.2	98.2
≥ 300	33.1	68.7	73.1	77.2	84.8	87.4	91.6	96.0	96.8	97.9	98.3	98.9	99.2	99.2	99.2	99.2
≥ 200	33.1	68.7	73.1	77.2	84.8	87.4	91.6	96.3	97.1	98.3	98.8	99.4	99.9	99.9	99.9	99.9
≥ 100	33.1	68.7	73.1	77.2	84.8	87.4	91.6	96.3	97.2	98.5	98.9	99.6	100.0	100.0	100.0	100.0
≥ 0	33.1	68.7	73.1	77.2	84.8	87.4	91.6	96.3	97.2	98.5	98.9	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

725

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SJESTERBERG NJ

68-77

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	16.3	27.3	29.3	30.4	33.9	35.0	36.3	37.2	37.6	38.0	38.2	38.3	38.4	38.5	38.5	38.7
≥ 20000	19.0	33.5	36.2	37.5	42.2	43.6	45.4	46.5	47.0	47.6	47.8	48.0	48.0	48.2	48.2	48.4
IV 18000	19.1	33.7	36.5	37.8	42.5	44.0	45.7	46.9	47.3	48.0	48.2	48.3	48.4	48.6	48.6	48.8
IV 16000	19.1	33.8	36.5	37.9	42.6	44.0	45.8	47.0	47.4	48.1	48.3	48.4	48.5	48.6	48.7	48.9
IV 14000	19.3	34.0	36.8	38.2	43.0	44.4	46.2	47.4	47.8	48.5	48.7	48.8	48.9	49.0	49.1	49.3
IV 12000	19.3	34.4	37.2	38.7	43.5	44.9	46.7	47.9	48.4	49.0	49.2	49.4	49.5	49.6	49.6	49.9
IV 10000	19.8	35.8	38.8	40.3	45.3	46.8	48.7	49.9	50.4	51.0	51.3	51.4	51.5	51.6	51.7	51.9
IV 9000	20.2	36.6	39.6	41.3	46.3	47.9	50.0	51.2	51.7	52.4	52.6	52.8	52.9	53.0	53.1	53.3
IV 8000	20.5	37.3	40.5	42.3	47.6	49.3	51.6	52.9	53.4	54.1	54.3	54.5	54.6	54.7	54.8	55.0
IV 7000	20.5	37.4	40.6	42.4	47.8	49.5	51.8	53.1	53.6	54.3	54.5	54.7	54.8	54.9	55.0	55.2
IV 6000	20.6	37.7	40.9	42.8	48.2	49.9	52.2	53.5	54.0	54.7	55.0	55.2	55.2	55.4	55.4	55.6
IV 5000	21.7	39.7	43.2	45.2	51.1	52.9	55.2	56.6	57.2	58.0	58.3	58.4	58.5	58.6	58.7	58.9
IV 4500	22.5	41.4	44.9	47.0	53.3	55.2	57.6	59.0	59.7	60.4	60.7	60.9	61.0	61.1	61.1	61.4
IV 4000	23.6	43.4	47.2	49.4	55.9	57.9	60.3	61.9	62.6	63.4	63.6	63.8	63.9	64.0	64.1	64.3
IV 3500	24.6	45.3	49.1	51.4	58.3	60.3	62.9	64.4	65.2	66.0	66.3	66.5	66.5	66.7	66.7	66.9
IV 3000	26.4	47.8	51.9	54.5	61.6	63.7	66.2	67.9	68.7	69.5	69.8	70.0	70.1	70.3	70.3	70.5
IV 2500	28.6	51.2	55.3	58.0	65.3	67.4	70.0	71.7	72.5	73.4	73.7	73.9	74.0	74.2	74.2	74.4
IV 2000	30.1	54.5	58.8	61.6	69.5	71.8	74.5	76.2	77.1	78.0	78.3	78.5	78.6	78.7	78.8	79.0
IV 1800	30.5	55.6	60.0	62.8	71.0	73.4	76.2	78.0	78.9	79.7	80.0	80.3	80.4	80.5	80.6	80.8
IV 1500	31.0	57.2	61.2	64.7	73.5	76.0	79.1	81.0	81.9	82.9	83.2	83.4	83.5	83.7	83.7	83.9
IV 1200	31.3	58.4	63.4	66.5	76.0	78.9	82.2	84.2	85.3	86.3	86.6	86.8	87.0	87.1	87.2	87.4
IV 1000	31.4	58.9	63.9	67.1	77.2	80.2	83.6	85.8	87.0	88.1	88.4	88.6	88.8	89.0	89.0	89.2
IV 900	31.4	59.1	64.2	67.5	77.9	81.0	84.5	86.9	88.2	89.3	89.6	89.9	90.1	90.2	90.3	90.5
IV 800	31.4	59.2	64.4	67.8	78.6	81.9	85.6	88.2	89.6	90.7	91.1	91.3	91.5	91.7	91.7	91.9
IV 700	31.4	59.3	64.5	68.0	79.0	82.5	86.5	89.3	90.7	92.0	92.3	92.6	92.8	93.0	93.0	93.2
IV 600	31.4	59.4	64.6	68.1	79.3	83.0	87.1	90.4	92.0	93.4	93.8	94.1	94.3	94.5	94.5	94.7
IV 500	31.4	59.4	64.7	68.2	79.5	83.3	87.6	91.2	93.0	94.5	94.9	95.2	95.5	95.7	95.7	95.9
IV 400	31.4	59.5	64.7	68.2	79.7	83.4	87.9	91.8	93.7	95.5	96.0	96.3	96.6	96.8	96.9	97.1
IV 300	31.4	59.5	64.7	68.2	79.7	83.4	88.0	92.0	94.2	96.2	97.0	97.4	97.9	98.2	98.2	98.5
IV 200	31.4	59.5	64.7	68.2	79.7	83.4	88.0	92.1	94.2	96.4	97.2	97.7	98.2	98.7	98.9	99.4
IV 100	31.4	59.5	64.7	68.2	79.7	83.4	88.0	92.1	94.3	96.4	97.2	97.7	98.3	98.8	99.0	99.9
IV 0	31.4	59.5	64.7	68.2	79.7	83.4	88.0	92.1	94.3	96.4	97.2	97.7	98.3	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

5656

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SNESTERBERG NJ

CR-77

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0
NO CEILING	14.3	27.9	31.6	33.6	37.6	39.0	40.2	41.8	42.9	43.6	43.7	43.8	43.8	43.8	43.8	43.8
≥ 20000	16.6	31.6	35.9	38.0	44.0	45.6	46.9	48.6	49.7	50.3	50.5	50.6	50.6	50.6	50.6	50.6
IV 18000	16.6	31.7	36.1	38.2	44.2	45.8	47.1	48.9	49.9	50.6	50.7	50.9	50.9	50.9	50.9	50.9
IV 16000	16.6	31.7	36.1	38.2	44.2	45.8	47.1	48.9	49.9	50.6	50.7	50.9	50.9	50.9	50.9	50.9
IV 14000	16.6	31.7	36.1	38.4	44.4	45.9	47.3	49.0	50.1	50.7	50.9	51.0	51.0	51.0	51.0	51.0
IV 12000	16.6	31.7	36.1	38.4	44.4	45.9	47.3	49.0	50.1	50.7	50.9	51.0	51.0	51.0	51.0	51.0
IV 10000	17.1	33.3	38.0	40.4	46.7	48.5	49.9	52.1	53.1	53.8	53.9	54.1	54.1	54.1	54.1	54.1
IV 9000	17.1	34.4	39.2	41.7	48.3	50.1	51.9	54.2	55.4	56.0	56.2	56.3	56.3	56.4	56.4	56.4
IV 8000	17.3	35.1	40.5	43.2	49.9	51.8	53.8	56.3	57.5	58.2	58.3	58.4	58.4	58.6	58.6	58.6
IV 7000	17.3	35.1	40.5	43.2	50.1	51.9	53.9	56.4	57.6	58.3	58.4	58.6	58.6	58.7	58.7	58.7
IV 6000	17.3	35.3	40.8	43.6	50.6	52.5	54.4	57.0	58.2	58.8	59.0	59.1	59.1	59.2	59.2	59.2
IV 5000	17.9	38.4	44.2	47.4	56.0	58.0	60.4	63.3	64.7	65.3	65.5	65.6	65.6	65.7	65.7	65.7
IV 4500	19.5	41.6	47.8	51.1	60.4	62.5	65.2	68.3	69.6	70.3	70.4	70.5	70.5	70.7	70.7	70.7
IV 4000	20.6	44.4	50.9	54.3	64.1	66.5	69.6	72.8	74.2	75.0	75.2	75.3	75.3	75.4	75.4	75.4
IV 3500	21.5	45.9	52.5	56.0	66.1	68.7	72.1	75.4	76.9	77.7	77.8	78.0	78.0	78.1	78.1	78.1
IV 3000	23.4	48.1	54.7	58.3	68.5	71.3	75.2	78.5	80.1	80.9	81.0	81.1	81.1	81.3	81.3	81.3
IV 2500	23.9	48.6	55.2	58.8	69.5	72.4	76.5	79.8	81.4	82.2	82.3	82.5	82.5	82.6	82.6	82.6
IV 2000	25.1	50.5	57.1	60.7	71.4	74.6	78.9	82.5	84.1	84.9	85.0	85.1	85.1	85.3	85.3	85.3
IV 1800	25.4	51.4	58.2	61.8	72.6	76.0	80.3	83.9	85.7	86.5	86.6	86.7	86.7	86.9	86.9	86.9
IV 1500	25.4	52.2	59.1	62.7	74.0	77.7	82.2	85.8	87.5	88.2	88.6	88.7	88.7	88.8	88.8	88.8
IV 1200	25.4	52.3	59.4	62.9	74.6	78.9	83.7	87.5	89.2	90.2	90.4	90.6	90.6	90.7	90.7	90.7
IV 1000	25.4	52.3	59.5	63.2	75.3	79.7	84.5	88.4	90.3	91.2	91.5	91.6	91.6	91.8	91.8	91.8
IV 900	25.4	52.6	59.8	63.6	76.2	80.6	85.4	89.5	91.4	92.3	92.6	92.7	92.7	92.8	92.8	92.8
IV 800	25.4	52.7	59.9	64.0	76.9	81.4	86.2	90.4	92.4	93.4	93.6	93.8	93.8	93.9	93.9	93.9
IV 700	25.4	52.7	60.0	64.1	77.3	81.8	86.9	91.4	93.4	94.3	94.6	94.7	94.7	94.8	94.8	94.8
IV 600	25.4	52.7	60.0	64.1	77.4	81.9	87.0	91.9	94.0	95.4	95.6	95.8	95.8	95.9	95.9	95.9
IV 500	25.4	52.7	60.0	64.1	77.8	82.3	87.5	92.7	94.8	96.3	96.5	96.7	96.7	96.8	96.8	96.8
IV 400	25.4	52.7	60.0	64.1	77.8	82.3	87.5	92.7	94.8	96.3	96.5	96.7	96.7	96.8	96.8	96.8
IV 300	25.4	52.7	60.0	64.1	77.8	82.3	87.5	93.4	95.6	97.7	98.3	98.5	98.7	99.2	99.2	99.2
IV 200	25.4	52.7	60.0	64.1	77.8	82.3	87.5	93.4	95.6	98.1	98.7	98.9	99.2	100.0	100.0	100.0
IV 100	25.4	52.7	60.0	64.1	77.8	82.3	87.5	93.4	95.6	98.1	98.7	98.9	99.2	100.0	100.0	100.0
IV 0	25.4	52.7	60.0	64.1	77.8	82.3	87.5	93.4	95.6	98.1	98.7	98.9	99.2	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

753

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SJESTERBERG NL

STATION NAME

Q8-77

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	7.8	19.0	21.6	21.8	27.3	28.6	31.9	33.8	35.0	36.1	36.7	37.0	37.3	37.4	37.5	38.0
≥ 20000	9.4	22.4	25.2	25.6	32.0	34.5	36.5	40.5	42.0	43.3	43.8	44.1	44.4	44.5	44.7	45.1
≥ 18000	9.4	22.4	25.2	25.6	32.6	34.5	36.5	40.5	42.0	43.3	43.8	44.1	44.4	44.5	44.7	45.1
≥ 16000	9.4	22.4	25.2	25.6	32.6	34.5	36.5	40.5	42.0	43.3	43.8	44.1	44.4	44.5	44.7	45.1
≥ 14000	9.4	22.5	25.4	25.8	32.8	34.6	36.7	40.8	42.3	43.6	44.1	44.4	44.7	44.8	45.0	45.4
≥ 12000	9.4	23.0	25.8	26.2	33.3	35.2	37.2	41.3	42.9	44.1	44.7	45.0	45.2	45.4	45.5	45.9
≥ 10000	9.5	24.1	27.3	28.2	36.4	38.4	43.0	45.7	47.3	48.7	49.3	49.6	49.9	50.0	50.1	50.6
≥ 9000	9.7	24.8	28.2	29.1	38.1	40.1	45.1	47.9	49.6	51.0	51.5	51.8	52.2	52.4	52.5	52.9
≥ 8000	9.8	25.5	29.0	30.0	39.5	41.5	46.8	49.9	51.7	53.4	53.9	54.2	54.6	54.8	54.9	55.3
≥ 7000	9.8	25.5	29.0	30.1	39.6	41.6	46.9	50.0	51.8	53.5	54.1	54.3	54.8	54.9	55.0	55.5
≥ 6000	9.9	26.3	29.8	31.0	40.6	42.7	48.0	51.3	53.1	54.9	55.5	55.7	56.2	56.3	56.4	56.9
≥ 5000	10.5	28.2	31.9	33.1	44.0	46.2	51.5	55.3	57.4	59.4	59.9	60.2	60.6	60.8	60.9	61.3
≥ 4500	11.1	30.0	34.0	35.4	47.3	49.7	55.0	59.1	61.3	63.6	64.1	64.4	64.8	65.0	65.1	65.5
≥ 4000	11.5	32.1	36.3	37.7	50.6	52.9	58.4	63.2	65.7	68.2	68.8	69.0	69.5	69.6	69.7	70.2
≥ 3500	11.6	33.5	37.7	39.6	52.7	55.3	61.2	66.7	69.2	71.7	72.3	72.5	73.0	73.1	73.2	73.7
≥ 3000	12.9	35.9	40.3	42.4	55.9	58.8	64.8	70.4	73.0	75.8	76.3	76.6	77.0	77.2	77.3	77.7
≥ 2500	13.4	37.0	41.6	43.7	57.1	60.1	66.8	72.4	74.9	77.7	78.3	78.6	79.0	79.1	79.3	79.7
≥ 2000	14.1	39.2	43.8	46.2	60.2	63.2	70.2	75.9	79.0	81.8	82.4	82.6	83.1	83.2	83.3	83.8
≥ 1800	14.3	39.8	44.4	46.8	60.9	63.9	70.9	76.6	79.7	82.6	83.3	83.6	84.0	84.2	84.3	84.7
≥ 1500	14.6	40.8	45.7	48.0	62.3	65.4	73.0	78.7	81.9	84.9	85.6	85.9	86.3	86.4	86.6	87.0
≥ 1200	14.6	41.3	46.2	48.6	63.0	66.2	74.1	80.0	83.6	86.6	87.3	87.5	88.0	88.1	88.2	88.7
≥ 1000	14.7	41.5	46.4	48.9	63.6	66.9	74.9	80.8	84.5	87.4	88.1	88.4	88.9	89.1	89.2	89.6
≥ 900	14.7	41.5	46.4	48.9	63.6	66.9	75.5	81.5	85.2	88.1	88.9	89.2	89.8	89.9	90.1	90.5
≥ 800	14.7	41.5	46.4	48.9	63.6	67.2	75.8	82.4	86.0	88.9	89.8	90.1	90.6	90.8	90.9	91.3
≥ 700	14.7	41.5	46.4	48.9	63.7	67.4	76.1	83.1	86.8	89.9	90.8	91.0	91.6	92.0	92.2	92.6
≥ 600	14.7	41.5	46.4	48.9	63.7	67.5	76.2	83.8	87.5	90.8	91.6	91.9	92.4	92.9	93.0	93.4
≥ 500	14.7	41.5	46.4	48.9	64.0	67.8	76.6	84.9	89.1	92.7	93.6	93.8	94.4	94.8	95.0	95.4
≥ 400	14.7	41.5	46.4	48.9	64.0	67.8	76.6	85.6	90.2	94.1	95.0	95.4	95.9	96.5	96.6	97.1
≥ 300	14.7	41.5	46.4	48.9	64.0	67.8	76.6	85.7	90.8	94.8	95.9	96.4	96.9	97.6	97.9	98.3
≥ 200	14.7	41.5	46.4	48.9	64.0	67.8	76.6	85.7	90.8	94.8	96.1	96.5	97.2	97.9	98.5	99.2
≥ 100	14.7	41.5	46.4	48.9	64.0	67.8	76.6	85.7	90.8	94.8	96.1	96.5	97.2	97.9	98.6	99.7
≥ 0	14.7	41.5	46.4	48.9	64.0	67.8	76.6	85.7	90.8	94.8	96.1	96.5	97.2	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

714

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SNESTERBERG NJ

8-77

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	8.2	14.1	15.1	17.6	21.8	22.7	24.7	26.1	26.9	27.6	28.0	28.0	28.0	28.0	28.0	28.9
≥ 20000	10.2	19.4	21.2	24.0	29.2	30.6	34.0	36.5	37.5	38.5	38.9	39.0	39.0	39.1	39.1	40.1
≥ 18000	10.2	19.4	21.2	24.0	29.3	30.8	34.4	37.0	38.1	39.0	39.4	39.5	39.5	39.7	39.7	40.6
≥ 16000	10.2	19.4	21.2	24.0	29.3	30.8	34.4	37.0	38.1	39.0	39.4	39.5	39.5	39.7	39.7	40.6
≥ 14000	10.2	19.4	21.2	24.0	29.3	30.8	34.4	37.0	38.1	39.0	39.4	39.5	39.5	39.7	39.7	40.6
≥ 12000	10.2	19.8	21.6	24.4	30.2	31.7	35.3	37.9	39.0	39.9	40.3	40.5	40.5	40.6	40.6	41.5
≥ 10000	10.3	21.4	23.9	26.8	34.0	35.7	40.3	43.8	45.0	46.0	46.4	46.6	46.6	46.7	46.7	47.6
≥ 9000	10.9	23.1	25.7	28.8	36.2	38.1	43.0	47.1	48.3	49.3	49.7	49.9	49.9	50.0	50.0	50.9
≥ 8000	11.1	24.0	26.8	29.8	37.7	39.7	45.0	49.3	50.5	51.7	52.1	52.3	52.3	52.4	52.4	53.3
≥ 7000	11.1	24.3	27.1	30.2	38.1	40.1	45.4	49.7	50.9	52.1	52.5	52.7	52.7	52.8	52.8	53.7
≥ 6000	11.3	24.5	27.3	30.5	38.3	40.3	45.8	50.4	51.6	52.8	53.2	53.3	53.3	53.4	53.4	54.4
≥ 5000	11.8	25.6	28.8	32.2	41.5	43.5	49.5	54.6	55.8	57.2	57.6	57.7	57.7	57.8	57.8	58.8
≥ 4500	12.5	27.1	30.4	33.8	44.4	46.4	52.9	58.8	59.9	61.5	61.9	62.1	62.1	62.2	62.2	63.1
≥ 4000	12.7	27.9	31.4	35.1	46.3	48.3	55.3	61.4	63.0	65.1	65.5	65.6	65.6	65.9	65.9	66.8
≥ 3500	13.1	28.9	32.9	37.0	48.5	50.7	57.7	63.9	65.5	67.9	68.3	68.4	68.4	68.6	68.7	69.6
≥ 3000	14.5	30.6	34.9	39.0	51.1	53.2	61.7	67.2	68.8	71.6	72.0	72.1	72.2	72.4	72.4	73.3
≥ 2500	15.3	31.7	36.1	40.3	52.5	54.8	62.6	69.2	70.8	73.7	74.3	74.4	74.4	74.5	74.7	75.6
≥ 2000	16.4	35.0	39.4	44.0	56.6	59.0	67.0	73.7	75.2	78.2	78.8	78.9	79.0	79.2	79.2	80.1
≥ 1800	17.4	37.0	41.4	46.3	59.2	61.5	69.5	76.4	78.0	80.9	81.6	81.7	81.8	82.0	82.0	82.9
≥ 1500	17.8	38.3	42.7	48.0	61.1	63.5	71.9	79.0	80.6	83.6	84.2	84.4	84.5	84.6	84.6	85.5
≥ 1200	17.9	39.0	43.8	49.2	63.7	66.2	74.7	82.0	83.7	86.6	87.3	87.4	87.5	87.8	87.8	88.7
≥ 1000	17.9	39.1	43.9	49.3	64.1	66.6	75.2	82.5	84.5	87.5	88.2	88.3	88.5	88.7	88.7	89.7
≥ 900	17.9	39.1	43.9	49.3	64.3	66.8	75.7	83.3	85.3	88.5	89.1	89.3	89.4	89.7	89.7	90.6
≥ 800	17.9	39.1	43.9	49.3	64.5	67.2	76.5	84.2	86.2	89.7	90.3	90.5	90.6	91.1	91.1	92.0
≥ 700	17.9	39.1	43.9	49.3	64.6	67.4	76.9	85.0	87.1	90.7	91.4	91.5	91.6	92.4	92.4	93.4
≥ 600	17.9	39.1	43.9	49.3	64.7	67.5	77.2	85.5	87.8	91.5	92.4	92.7	92.8	93.6	93.8	94.7
≥ 500	17.9	39.1	43.9	49.3	64.9	67.6	77.3	85.9	88.5	92.4	93.8	94.0	94.2	95.2	95.4	96.3
≥ 400	17.9	39.1	43.9	49.3	64.9	67.6	77.3	85.9	88.7	93.0	94.4	94.6	95.1	96.2	96.3	97.2
≥ 300	17.9	39.1	43.9	49.3	64.9	67.6	77.3	85.9	88.7	93.4	94.8	95.4	95.8	96.8	97.1	98.1
≥ 200	17.9	39.1	43.9	49.3	64.9	67.6	77.3	85.9	88.9	93.5	95.0	95.5	96.0	97.2	97.5	99.3
≥ 100	17.9	39.1	43.9	49.3	64.9	67.6	77.3	85.9	88.9	93.5	95.0	95.5	96.2	97.5	97.7	100.0
≥ 0	17.9	39.1	43.9	49.3	64.9	67.6	77.3	85.9	88.9	93.5	95.0	95.5	96.2	97.5	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

754

USAF ETAC

FORM 101-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG HL
STATION NAME

8-77
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	12.8 16.2	22.5 30.4	23.9 32.5	25.7 35.1	27.9 39.1	28.5 40.4	29.2 41.9	29.4 42.0	29.4 42.0	29.4 42.0	29.4 42.0	29.4 42.0	29.4 42.0	29.4 42.0	29.4 42.0	29.4 42.0
≥ 18000 ≥ 16000	16.2 16.2	30.4 30.4	32.5 32.5	35.1 35.1	39.2 39.2	40.8 40.8	42.3 42.3	42.4 42.4	42.4 42.4	42.4 42.4	42.4 42.4	42.4 42.4	42.4 42.4	42.4 42.4	42.4 42.4	42.4 42.4
≥ 14000 ≥ 12000	16.2 16.3	30.5 31.0	32.6 33.0	35.2 35.8	39.4 40.1	41.0 42.0	42.4 43.6	42.6 43.8	42.6 43.8	42.6 43.8	42.6 43.8	42.6 43.8	42.6 43.8	42.6 43.8	42.6 43.8	42.6 43.8
≥ 10000 ≥ 9000	16.6 17.0	31.7 32.5	34.2 35.1	37.3 38.2	41.6 43.6	44.2 46.7	45.8 48.5	46.1 48.8	46.1 48.8	46.1 48.8	46.1 48.8	46.1 48.8	46.1 48.8	46.1 48.8	46.1 48.8	46.1 48.8
≥ 8000 ≥ 7000	17.3 17.5	33.3 33.5	36.0 36.1	39.1 39.4	45.5 46.0	48.8 49.2	50.8 51.2	51.2 51.7	51.2 51.7	51.2 51.7	51.2 51.7	51.2 51.7	51.2 51.7	51.2 51.7	51.2 51.7	51.2 51.7
≥ 6000 ≥ 5000	17.9 18.5	34.1 35.2	36.9 38.2	40.1 41.4	47.4 49.3	50.8 52.7	53.0 55.5	53.5 56.1	53.5 56.1	53.5 56.1	53.5 56.1	53.5 56.1	53.5 56.1	53.5 56.1	53.5 56.1	53.5 56.1
≥ 4500 ≥ 4000	18.6 19.5	36.1 37.7	39.2 40.8	42.7 44.5	50.8 52.7	54.5 56.4	58.1 60.1	58.9 60.9	58.9 60.9	58.9 60.9	58.9 60.9	58.9 60.9	58.9 60.9	58.9 60.9	58.9 60.9	58.9 60.9
≥ 3500 ≥ 3000	20.4 22.2	39.9 43.0	43.2 46.3	47.0 50.1	55.2 58.7	59.3 63.0	63.1 66.8	64.0 67.7	64.0 67.7	64.2 67.8	64.2 67.8	64.2 67.8	64.2 67.8	64.2 67.8	64.2 67.8	64.2 67.8
≥ 2500 ≥ 2000	23.6 28.0	45.5 53.3	48.8 56.8	52.7 61.2	61.5 70.3	65.8 74.6	69.9 79.1	70.8 80.0	70.8 80.2	70.9 80.3	70.9 80.3	70.9 80.3	70.9 80.3	70.9 80.3	70.9 80.3	70.9 80.3
≥ 1800 ≥ 1500	28.9 29.5	55.7 56.8	59.6 61.1	64.0 66.4	74.4 78.6	79.0 83.3	83.7 88.0	84.6 89.0	84.7 89.1	84.9 89.3	84.9 89.3	84.9 89.3	84.9 89.3	84.9 89.3	84.9 89.3	84.9 89.3
≥ 1200 ≥ 1000	29.5 29.5	57.1 57.3	61.7 62.1	67.1 67.5	80.3 81.4	85.2 86.5	90.6 92.5	92.1 94.6	92.2 94.7	92.4 94.9	92.4 94.9	92.4 94.9	92.4 94.9	92.4 94.9	92.4 94.9	92.4 94.9
≥ 900 ≥ 800	29.5 29.5	57.3 57.3	62.3 62.3	67.7 67.7	81.8 81.9	87.1 87.2	93.5 93.8	95.7 96.0	96.0 96.5	96.5 96.9	96.5 96.9	96.5 96.9	96.5 96.9	96.5 96.9	96.6 97.1	96.6 97.1
≥ 700 ≥ 600	29.5 29.5	57.3 57.3	62.3 62.3	67.7 67.7	81.9 81.9	87.2 87.2	93.8 94.3	96.0 96.9	96.6 97.5	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.4 98.2	97.4 98.2
≥ 500 ≥ 400	29.5 29.5	57.3 57.3	62.3 62.3	67.7 67.7	81.9 81.9	87.2 87.2	94.3 94.3	97.1 97.4	97.8 98.1	98.4 98.7	98.4 98.7	98.4 98.7	98.4 98.7	98.4 98.7	98.7 99.0	98.7 99.0
≥ 300 ≥ 200	29.5 29.5	57.3 57.3	62.3 62.3	67.7 67.7	81.9 81.9	87.2 87.2	94.3 94.3	97.5 97.5	98.2 98.2	99.0 99.0	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.7 99.9	99.7 99.9
≥ 100 ≥ 0	29.5 29.5	57.3 57.3	62.3 62.3	67.7 67.7	81.9 81.9	87.2 87.2	94.3 94.3	97.5 97.5	98.2 98.2	99.0 99.0	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.9 99.9	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

681

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 SUESTERBERG VIATION NAME 08-77 YEARS MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	15.4	21.6	23.9	24.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 20000	21.1	32.7	35.4	36.6	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 18000	21.1	33.0	35.6	36.9	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 16000	21.1	33.0	35.6	36.9	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 14000	21.1	33.1	36.1	37.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 12000	21.4	33.5	36.5	37.5	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 10000	22.6	36.2	39.2	40.6	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 9000	22.6	37.2	40.3	42.0	45.3	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 8000	23.2	38.3	41.9	43.6	47.5	47.9	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 7000	23.6	38.9	42.4	44.1	48.1	48.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 6000	23.8	39.3	42.9	44.6	48.5	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 5000	24.3	40.7	44.3	46.0	50.4	50.8	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 4500	25.5	43.1	46.7	48.4	53.3	53.9	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 4000	27.0	46.8	50.6	52.5	57.7	58.3	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 3500	30.8	52.6	56.6	58.4	63.9	64.5	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000	33.4	58.8	62.8	64.6	70.4	71.0	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2500	37.8	68.5	73.7	72.6	79.1	79.6	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000	40.9	74.0	78.4	80.2	88.1	89.0	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	41.3	75.0	79.3	81.5	89.4	90.2	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	41.7	76.0	80.6	82.9	91.7	92.9	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	41.7	76.7	81.3	83.7	93.4	94.8	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	41.7	76.8	81.5	83.9	93.5	95.0	96.7	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	41.7	76.8	81.5	83.9	93.6	95.2	97.2	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	41.7	76.8	81.5	83.9	93.8	95.3	97.7	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	41.7	76.8	81.5	83.9	93.8	95.3	97.7	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	41.7	76.8	81.5	83.9	93.8	95.3	97.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	41.7	76.8	81.5	83.9	93.8	95.3	97.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	41.7	76.8	81.5	83.9	93.8	95.3	97.7	98.4	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	41.7	76.8	81.5	83.9	93.8	95.3	97.7	98.4	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	41.7	76.8	81.5	83.9	93.8	95.3	97.7	98.4	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	41.7	76.8	81.5	83.9	93.8	95.3	97.7	98.4	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	41.7	76.8	81.5	83.9	93.8	95.3	97.7	98.4	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

707

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NL

BR-77

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	19.1	25.2	27.2	27.5	28.3	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 20000	28.0	40.6	42.6	43.2	45.2	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 18000	28.2	40.8	42.9	43.5	45.5	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 16000	28.2	40.8	42.9	43.5	45.5	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	28.3	41.2	43.4	44.0	46.0	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	28.3	41.4	43.5	44.2	46.2	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 10000	30.6	45.5	48.2	49.1	51.2	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 9000	31.1	46.6	49.5	50.5	52.8	53.1	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 8000	31.5	48.3	51.5	52.9	55.4	55.7	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 7000	31.8	48.6	51.8	53.2	55.8	56.2	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 6000	32.8	50.2	53.4	54.8	57.8	58.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 5000	34.8	54.3	57.8	59.2	62.5	63.2	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4500	36.8	58.8	62.5	64.5	68.2	69.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	38.9	62.0	66.3	68.5	72.5	73.7	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	40.9	65.7	70.0	72.6	76.8	78.2	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	43.1	69.5	73.8	76.6	81.1	82.5	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	45.7	74.9	79.4	82.2	87.1	88.5	90.0	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	47.4	77.8	82.6	85.5	91.7	93.1	94.6	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	47.5	78.5	83.4	86.5	92.8	94.2	95.7	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	47.5	78.8	83.7	86.8	93.4	94.9	96.5	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	47.5	79.2	84.2	87.2	94.0	95.5	97.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	47.5	79.2	84.2	87.2	94.0	95.5	97.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	47.5	79.2	84.2	87.2	94.2	95.7	97.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	47.5	79.2	84.2	87.2	94.3	95.8	97.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	47.5	79.2	84.2	87.2	94.3	95.8	97.8	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	47.5	79.2	84.2	87.2	94.3	96.0	98.0	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	47.5	79.2	84.2	87.2	94.3	96.0	98.0	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.5	79.2	84.2	87.2	94.3	96.0	98.0	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.5	79.2	84.2	87.2	94.3	96.0	98.0	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.5	79.2	84.2	87.2	94.3	96.0	98.0	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.5	79.2	84.2	87.2	94.3	96.0	98.0	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.5	79.2	84.2	87.2	94.3	96.0	98.0	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

650

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06765

SUESTERBERG III

STATION NAME

8-77

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥ 1/2	≥0
NO CEILING	20.5	26.7	27.7	28.2	29.0	29.9	30.2	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.5
≥ 20000	33.0	46.6	48.5	49.3	51.2	52.1	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6
≥ 18000	33.3	46.9	48.8	49.6	51.5	52.3	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥ 16000	33.3	46.9	48.8	49.6	51.5	52.3	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥ 14000	33.3	46.9	48.8	49.6	51.5	52.3	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥ 12000	33.7	47.7	49.7	50.4	52.6	53.5	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
≥ 10000	35.3	52.2	54.5	55.3	57.6	58.5	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
≥ 9000	36.7	55.1	57.5	58.2	60.6	61.7	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 8000	37.0	56.6	59.5	60.7	63.3	65.4	66.3	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.2
≥ 7000	37.0	57.0	60.0	61.1	63.8	65.8	66.7	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 6000	37.8	59.4	62.6	63.9	66.7	68.8	69.9	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.8
≥ 5000	39.7	62.9	66.7	68.3	71.8	74.0	75.4	76.0	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.5
≥ 4500	40.2	64.1	68.0	69.6	73.5	75.8	77.3	77.9	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 4000	41.2	66.1	70.8	73.0	77.9	80.8	82.3	83.0	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.9
≥ 3500	43.0	69.1	74.0	76.2	81.5	84.5	85.9	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.7
≥ 3000	44.0	70.8	76.1	78.3	83.9	86.8	88.3	89.1	89.4	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 2500	45.0	72.9	78.4	80.8	87.0	89.9	91.3	92.2	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.1
≥ 2000	45.3	73.8	79.5	82.0	88.4	91.6	93.4	94.4	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1800	45.5	73.9	79.8	82.3	88.7	91.9	93.7	94.9	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 1500	45.5	74.2	80.1	82.7	89.4	93.1	95.0	96.2	96.5	96.9	96.9	96.9	96.9	96.9	96.9	97.1
≥ 1200	45.5	74.2	80.1	82.7	89.4	93.1	95.0	96.2	96.5	96.9	96.9	96.9	96.9	96.9	96.9	97.1
≥ 1000	45.5	74.2	80.1	82.7	89.4	93.1	95.0	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 900	45.5	74.2	80.1	82.7	89.6	93.4	95.7	97.7	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.7
≥ 800	45.5	74.2	80.1	82.7	89.6	93.4	95.9	97.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8	99.0
≥ 700	45.5	74.2	80.1	82.7	89.6	93.4	95.9	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 600	45.5	74.2	80.1	82.7	89.6	93.4	95.9	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 500	45.5	74.2	80.1	82.7	89.6	93.4	95.9	98.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 400	45.5	74.2	80.1	82.7	89.6	93.4	95.9	98.1	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 300	45.5	74.2	80.1	82.7	89.6	93.4	95.9	98.1	98.5	99.4	99.4	99.4	99.4	99.4	99.6	99.7
≥ 200	45.5	74.2	80.1	82.7	89.6	93.4	95.9	98.1	98.5	99.4	99.4	99.4	99.4	99.6	99.9	100.0
≥ 100	45.5	74.2	80.1	82.7	89.6	93.4	95.9	98.1	98.5	99.4	99.4	99.4	99.4	99.6	99.9	100.0
≥ 0	45.5	74.2	80.1	82.7	89.6	93.4	95.9	98.1	98.5	99.4	99.4	99.4	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

682

DATA PROCESSING BRANCH
ETAC
FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	19.4	30.0	31.9	32.5	35.3	36.4	37.4	38.0	38.2	38.3	38.3	38.5	38.5	38.5	38.5	38.5
≥ 20000	25.2	40.8	43.7	44.9	48.3	49.6	51.0	51.6	51.7	51.9	51.9	52.2	52.2	52.2	52.2	52.2
≥ 18000	25.8	41.4	44.3	45.5	48.9	50.2	51.6	52.2	52.3	52.5	52.5	52.8	52.8	52.8	52.8	52.8
≥ 16000	25.8	41.4	44.3	45.5	48.9	50.2	51.6	52.2	52.3	52.5	52.5	52.8	52.8	52.8	52.8	52.8
≥ 14000	25.8	41.4	44.3	45.5	48.9	50.2	51.6	52.2	52.3	52.5	52.5	52.8	52.8	52.8	52.8	52.8
≥ 12000	25.8	41.6	44.4	45.6	49.2	50.5	52.0	52.6	52.8	52.9	52.9	53.2	53.2	53.2	53.2	53.2
≥ 10000	27.1	44.1	46.9	48.3	52.8	54.1	55.7	56.3	56.5	56.8	56.8	57.1	57.1	57.1	57.1	57.1
≥ 9000	27.3	45.6	48.4	50.1	54.5	55.9	57.7	58.7	59.0	59.3	59.3	59.6	59.6	59.6	59.6	59.6
≥ 8000	27.4	47.1	50.2	52.2	57.2	59.3	61.8	63.7	63.8	64.2	64.2	64.5	64.5	64.5	64.5	64.5
≥ 7000	27.4	47.1	50.4	52.3	57.4	59.5	62.0	63.3	63.9	64.4	64.4	64.7	64.7	64.7	64.7	64.7
≥ 6000	27.6	48.1	51.4	53.4	58.9	61.1	64.1	65.4	66.0	66.5	66.5	66.8	66.8	66.8	66.8	66.8
≥ 5000	28.6	51.0	54.7	56.6	62.7	65.0	68.4	70.0	70.6	71.2	71.2	71.5	71.5	71.5	71.5	71.5
≥ 4500	29.7	52.8	56.5	58.4	65.3	67.7	71.2	72.9	73.6	74.2	74.2	74.5	74.5	74.5	74.5	74.5
≥ 4000	30.7	55.0	59.2	61.1	68.7	71.5	75.6	77.5	79.4	79.0	79.0	79.3	79.3	79.3	79.3	79.3
≥ 3500	32.2	57.1	61.4	63.5	71.4	74.2	78.4	80.5	81.4	82.1	82.1	82.4	82.4	82.4	82.4	82.4
≥ 3000	33.7	58.7	63.2	65.6	73.9	76.9	81.1	83.2	84.2	84.9	84.9	85.2	85.2	85.2	85.2	85.2
≥ 2500	34.6	60.2	64.7	67.2	75.9	78.8	83.0	85.2	86.3	87.0	87.0	87.3	87.3	87.3	87.3	87.3
≥ 2000	35.0	61.7	66.2	68.2	78.4	81.7	86.1	88.8	89.9	90.6	90.6	90.9	90.9	90.9	90.9	90.9
≥ 1800	35.2	62.1	66.8	70.0	79.4	82.9	87.5	90.3	91.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8
≥ 1500	35.2	62.4	67.2	71.1	81.4	84.9	89.7	92.5	93.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2
≥ 1200	35.2	62.4	67.4	71.7	82.1	85.7	90.6	93.7	95.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4
≥ 1000	35.2	62.4	67.5	71.8	82.3	85.8	91.1	94.2	95.8	96.9	96.9	97.2	97.2	97.2	97.2	97.2
≥ 900	35.2	62.6	67.7	72.0	82.4	86.0	91.4	94.5	96.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5
≥ 800	35.2	62.6	67.7	72.0	82.4	86.0	91.4	94.5	96.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5
≥ 700	35.2	62.6	67.7	72.0	82.4	86.0	91.4	94.6	96.3	97.5	97.5	97.8	97.8	97.8	97.8	97.8
≥ 600	35.2	62.6	67.7	72.0	82.4	86.0	91.7	95.1	96.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4
≥ 500	35.2	62.6	67.7	72.0	82.6	86.1	91.8	95.4	97.5	98.7	98.7	99.0	99.0	99.1	99.1	99.1
≥ 400	35.2	62.6	67.7	72.0	82.6	86.1	91.8	95.4	97.5	98.7	98.7	99.1	99.1	99.3	99.3	99.3
≥ 300	35.2	62.6	67.7	72.0	82.6	86.1	92.0	95.5	97.6	99.0	99.1	99.6	99.6	99.7	99.7	99.7
≥ 200	35.2	62.6	67.7	72.0	82.6	86.1	92.0	95.5	97.6	99.0	99.1	99.6	99.6	99.9	100.0	100.0
≥ 100	35.2	62.6	67.7	72.0	82.6	86.1	92.0	95.5	97.6	99.0	99.1	99.6	99.6	99.9	100.0	100.0
≥ 0	35.2	62.6	67.7	72.0	82.6	86.1	92.0	95.5	97.6	99.0	99.1	99.6	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

671

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 STATION NAME: SUESTERBURG NJ 8-77 YEARS: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ .	≥ 0
NO CEILING	14.5	23.5	25.3	26.4	29.1	29.9	31.0	31.8	32.2	32.5	32.7	32.8	32.8	32.8	32.8	33.0
≥ 20000	19.7	32.8	35.3	36.8	40.8	41.9	43.4	44.4	44.9	45.3	45.4	45.5	45.5	45.6	45.6	45.8
IV 18000	19.8	32.9	35.5	37.0	41.0	42.2	43.8	44.7	45.2	45.6	45.7	45.8	45.9	45.9	45.9	46.1
IV 16000	19.8	32.9	35.5	37.0	41.0	42.2	43.8	44.7	45.2	45.6	45.7	45.8	45.9	45.9	45.9	46.1
IV 14000	19.8	33.0	35.7	37.2	41.2	42.4	43.9	44.9	45.4	45.8	45.9	46.0	46.1	46.1	46.1	46.3
IV 12000	19.9	33.4	36.0	37.6	41.8	43.0	44.6	45.5	46.0	46.4	46.6	46.7	46.7	46.8	46.8	47.0
IV 10000	20.8	35.7	38.7	40.4	45.2	46.6	48.4	49.7	50.2	50.7	50.8	50.9	50.9	51.0	51.0	51.2
IV 9000	21.2	37.0	40.1	42.0	47.2	48.7	50.8	52.3	52.9	53.3	53.4	53.5	53.6	53.7	53.7	53.9
IV 8000	21.5	38.2	41.6	43.6	49.3	51.0	53.5	55.1	55.7	56.3	56.4	56.5	56.6	56.6	56.6	56.8
IV 7000	21.6	38.4	41.8	43.9	49.6	51.3	53.8	55.4	56.1	56.6	56.8	56.9	56.9	57.0	57.0	57.2
IV 6000	22.0	39.3	42.7	44.9	50.8	52.6	55.3	56.9	57.6	58.1	58.3	58.4	58.4	58.5	58.5	58.7
IV 5000	22.9	41.6	45.4	47.6	54.5	56.4	59.3	61.3	62.0	62.6	62.7	62.8	62.9	62.9	63.0	63.2
IV 4500	23.9	43.7	47.7	50.1	57.6	59.7	62.8	65.0	65.7	66.4	66.5	66.6	66.7	66.7	66.8	67.0
IV 4000	24.9	46.0	50.4	52.9	61.0	63.2	66.7	69.0	69.9	70.7	70.8	71.0	71.0	71.1	71.1	71.3
IV 3500	26.3	48.6	53.1	55.9	64.2	66.6	70.1	72.6	73.5	74.4	74.6	74.7	74.8	74.8	74.8	75.0
IV 3000	28.0	51.4	56.0	58.9	67.6	70.1	73.8	76.4	77.3	78.3	78.4	78.5	78.6	78.6	78.7	78.8
IV 2500	29.5	54.1	58.8	61.8	70.8	73.3	77.2	79.8	80.8	81.8	81.9	82.1	82.1	82.2	82.2	82.4
IV 2000	31.1	57.6	62.4	65.6	75.2	77.9	82.1	84.9	85.9	86.9	87.1	87.2	87.3	87.3	87.3	87.5
IV 1800	31.5	58.6	63.6	66.9	76.8	79.5	83.8	86.6	87.7	88.7	88.9	89.0	89.1	89.2	89.2	89.4
IV 1500	31.7	59.4	64.5	68.1	78.6	81.6	86.0	88.9	90.0	91.0	91.3	91.4	91.4	91.5	91.5	91.7
IV 1200	31.7	59.8	65.0	68.7	79.7	82.8	87.5	90.6	91.7	92.8	93.1	93.2	93.2	93.3	93.3	93.5
IV 1000	31.8	59.8	65.1	68.8	80.0	83.3	88.1	91.3	92.6	93.7	93.9	94.0	94.1	94.2	94.2	94.4
IV 900	31.8	59.9	65.2	68.9	80.3	83.6	88.7	92.1	93.4	94.6	94.8	94.9	95.0	95.1	95.1	95.3
IV 800	31.8	59.9	65.2	69.0	80.5	83.8	89.1	92.6	94.0	95.2	95.5	95.6	95.7	95.8	95.8	96.0
IV 700	31.8	59.9	65.2	69.0	80.6	83.9	89.3	93.0	94.4	95.7	96.0	96.1	96.2	96.4	96.4	96.6
IV 600	31.8	59.9	65.2	69.0	80.6	84.0	89.5	93.4	94.9	96.3	96.6	96.7	96.8	97.0	97.0	97.2
IV 500	31.8	59.9	65.2	69.0	80.7	84.1	89.5	93.8	95.4	97.0	97.3	97.5	97.6	97.8	97.9	98.1
IV 400	31.8	59.9	65.2	69.0	80.7	84.1	89.6	94.0	95.7	97.4	97.8	98.0	98.1	98.4	98.4	98.6
IV 300	31.8	59.9	65.2	69.0	80.7	84.1	89.6	94.0	95.8	97.7	98.3	98.5	98.6	99.0	99.1	99.3
IV 200	31.8	59.9	65.2	69.0	80.7	84.1	89.6	94.0	95.9	97.8	98.3	98.6	98.8	99.3	99.4	99.8
IV 100	31.8	59.9	65.2	69.0	80.7	84.1	89.6	94.0	95.9	97.8	98.3	98.6	98.8	99.3	99.5	100.0
IV 0	31.8	59.9	65.2	69.0	80.7	84.1	89.6	94.0	95.9	97.8	98.3	98.6	98.8	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

5612

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SWEETERBERG NL

STATION NAME

CR-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000=0200
HOURS TYP

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	15.1	30.3	35.0	38.1	43.1	44.9	47.6	49.6	50.8	52.2	52.6	52.8	52.9	52.9	52.9	53.2
≥ 20000	16.3	33.1	38.4	41.7	47.2	49.4	52.4	54.6	55.8	57.3	57.8	57.9	58.0	58.0	58.0	58.3
≥ 18000	16.3	33.1	38.4	41.7	47.2	49.4	52.4	54.6	55.8	57.3	57.8	57.9	58.0	58.0	58.0	58.3
≥ 16000	16.3	33.1	38.4	41.7	47.2	49.4	52.4	54.6	55.8	57.3	57.8	57.9	58.0	58.0	58.0	58.3
≥ 14000	16.3	33.2	38.5	41.8	47.4	49.6	52.5	54.7	56.0	57.5	57.9	58.0	58.2	58.2	58.2	58.4
≥ 12000	16.3	33.2	38.5	42.0	47.6	49.9	52.8	55.0	56.2	57.8	58.2	58.3	58.4	58.4	58.4	58.7
≥ 10000	17.0	35.0	40.4	44.3	50.3	52.5	55.5	57.8	59.0	60.5	60.9	61.1	61.2	61.2	61.2	61.5
≥ 9000	17.6	36.4	41.8	45.7	52.1	54.4	57.8	60.0	61.4	62.9	63.3	63.4	63.6	63.6	63.6	63.9
≥ 8000	18.4	38.0	43.4	47.2	53.7	56.1	59.6	62.3	63.7	65.2	65.7	65.8	65.9	65.9	65.9	66.2
≥ 7000	18.4	38.2	43.8	47.6	54.3	56.6	60.1	62.9	64.3	65.8	66.2	66.3	66.5	66.5	66.5	66.8
≥ 6000	18.6	38.9	44.5	48.5	55.0	57.3	60.8	63.6	65.0	66.5	66.9	67.0	67.2	67.2	67.2	67.5
≥ 5000	19.7	42.7	48.5	52.6	59.3	61.8	65.2	68.0	69.4	70.9	71.3	71.5	71.6	71.6	71.6	71.9
≥ 4500	20.8	44.2	50.1	54.3	62.3	65.0	68.6	71.5	72.9	74.4	74.8	74.9	75.1	75.1	75.1	75.3
≥ 4000	21.3	46.0	51.9	56.1	65.0	68.1	72.0	74.9	76.3	77.8	78.3	78.4	78.5	78.5	78.5	78.8
≥ 3500	22.0	47.9	54.0	58.2	67.0	70.2	74.2	77.3	78.8	80.3	80.7	80.9	81.0	81.0	81.0	81.3
≥ 3000	22.7	49.4	55.5	59.8	69.5	72.9	76.9	79.9	81.4	83.0	83.4	83.5	83.7	83.7	83.7	83.9
≥ 2500	22.9	50.6	56.6	60.9	71.2	74.5	78.5	81.6	83.2	84.8	85.2	85.3	85.5	85.5	85.5	85.7
≥ 2000	23.4	52.2	58.6	63.0	73.7	77.0	81.0	84.1	85.7	87.3	87.7	87.8	88.0	88.0	88.0	88.2
≥ 1800	23.4	53.3	59.7	64.1	74.9	78.3	82.3	85.3	87.0	88.5	88.9	89.1	89.2	89.2	89.2	89.5
≥ 1500	23.7	54.0	60.7	65.1	76.6	80.1	84.2	87.7	89.7	90.9	91.4	91.4	91.6	91.6	91.6	91.8
≥ 1200	23.7	55.3	61.9	66.6	78.7	82.3	86.6	89.9	91.6	93.1	93.5	93.6	93.8	93.8	93.8	94.0
≥ 1000	23.7	55.5	62.2	67.3	80.1	83.7	88.0	91.4	93.1	94.6	95.0	95.2	95.3	95.3	95.3	95.6
≥ 900	23.7	55.7	62.3	67.5	80.3	84.1	88.4	92.0	93.6	95.2	95.6	95.7	95.8	95.8	95.8	96.1
≥ 800	23.7	55.7	62.3	67.5	80.3	84.2	88.5	92.1	93.8	95.3	95.7	95.8	96.0	96.0	96.0	96.3
≥ 700	23.7	56.0	62.7	67.9	81.2	85.2	89.6	93.2	94.9	96.5	97.1	97.2	97.4	97.4	97.4	97.6
≥ 600	23.7	56.0	62.7	67.9	81.4	85.6	90.3	93.9	95.6	97.4	97.9	98.1	98.2	98.2	98.2	98.5
≥ 500	23.7	56.0	62.7	67.9	81.4	85.6	90.4	94.2	95.8	97.6	98.2	98.3	98.5	98.5	98.5	98.8
≥ 400	23.7	56.0	62.7	67.9	81.6	85.7	90.6	94.3	96.0	97.9	98.6	98.8	98.9	98.9	98.9	99.2
≥ 300	23.7	56.0	62.7	67.9	81.6	85.7	90.6	94.6	96.3	98.3	99.0	99.3	99.4	99.4	99.4	99.9
≥ 200	23.7	56.0	62.7	67.9	81.6	85.7	90.6	94.6	96.3	98.3	99.2	99.4	99.6	99.6	99.6	100.0
≥ 100	23.7	56.0	62.7	67.9	81.6	85.7	90.6	94.6	96.3	98.3	99.2	99.4	99.6	99.6	99.6	100.0
≥ 0	23.7	56.0	62.7	67.9	81.6	85.7	90.6	94.6	96.3	98.3	99.2	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

72.1

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 STATION SUESTERBERG NY 8-77 YEARS JUN 1950

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	7.7	22.2	26.1	27.9	33.9	34.7	36.6	39.9	42.2	45.3	45.9	46.5	47.0	47.4	47.7	48.3
≥ 20000	8.4	24.1	28.9	30.7	38.1	38.8	41.2	44.9	47.3	50.4	51.0	51.6	52.0	52.4	52.7	53.3
IV 18000	8.4	24.1	28.9	30.7	38.1	38.8	41.2	44.9	47.3	50.4	51.0	51.6	52.0	52.4	52.7	53.3
IV 16000	8.4	24.1	28.9	30.7	38.1	38.8	41.2	44.9	47.3	50.4	51.0	51.6	52.0	52.4	52.7	53.3
≥ 14000	8.4	24.3	29.0	30.8	38.2	39.0	41.3	45.0	47.4	50.5	51.1	51.7	52.1	52.6	52.9	53.5
IV 12000	8.6	24.4	29.2	31.0	38.4	39.1	41.5	45.2	47.7	50.8	51.4	52.0	52.4	52.9	53.2	53.8
IV 10000	9.3	25.9	30.8	32.9	41.2	41.9	44.3	48.1	50.8	53.9	54.7	55.3	56.0	56.4	56.7	57.3
IV 9000	9.6	26.7	31.7	33.8	42.4	43.3	45.9	50.8	53.6	56.9	57.8	58.4	59.3	59.7	60.0	60.6
IV 8000	9.6	27.0	32.0	34.1	42.8	43.7	46.7	51.9	54.7	57.9	58.8	59.4	60.3	60.7	61.0	61.6
IV 7000	9.6	27.0	32.0	34.1	42.8	43.7	46.7	51.9	54.7	57.9	58.8	59.4	60.3	60.7	61.0	61.6
IV 6000	9.6	27.7	32.9	35.0	43.7	44.6	47.6	52.9	55.9	59.1	60.0	60.6	61.5	61.9	62.2	62.8
IV 5000	9.8	29.6	35.1	37.6	46.7	47.6	51.0	56.6	59.7	63.0	64.0	64.6	65.5	66.1	66.4	67.0
IV 4500	10.5	30.7	36.4	39.3	48.9	49.8	53.2	59.3	62.4	65.6	66.7	67.3	68.1	68.7	69.0	69.6
IV 4000	11.0	32.6	38.7	41.5	51.2	52.9	56.7	63.0	66.2	69.5	70.5	71.1	72.0	72.6	72.9	73.5
IV 3500	11.9	34.8	41.0	44.3	55.0	56.3	60.3	66.8	70.1	73.3	74.5	75.1	76.0	76.6	76.9	77.5
IV 3000	12.6	36.7	43.0	46.4	57.8	59.1	63.1	69.6	72.9	76.1	77.3	77.9	78.8	79.4	79.7	80.3
IV 2500	13.3	38.4	44.6	48.1	59.7	61.0	65.2	71.7	75.0	78.2	79.4	80.0	80.9	81.5	81.8	82.4
IV 2000	13.9	40.1	46.4	49.9	61.8	63.3	67.4	74.1	77.5	80.9	82.1	82.7	83.6	84.1	84.4	85.0
IV 1800	13.9	40.3	46.5	50.1	62.1	63.6	67.7	74.4	77.9	81.3	82.5	83.1	84.0	84.6	84.9	85.5
IV 1500	14.1	41.2	47.4	51.3	63.6	65.0	69.2	76.0	79.6	83.0	84.1	84.7	85.6	86.2	86.5	87.1
IV 1200	14.1	42.5	48.7	52.7	65.5	67.3	71.7	78.5	82.1	85.5	86.7	87.3	88.1	88.7	89.0	89.6
IV 1000	14.1	42.7	48.9	52.9	65.9	68.0	72.6	79.6	83.4	86.8	88.0	88.6	89.5	90.1	90.4	91.0
IV 900	14.1	42.7	49.0	53.0	66.1	68.3	73.0	80.0	83.9	87.3	88.4	89.0	90.1	90.7	91.0	91.6
IV 800	14.1	42.7	49.3	53.3	66.5	68.7	73.9	81.0	84.9	88.3	89.5	90.1	91.1	91.7	92.0	92.6
≥ 700'	14.1	42.7	49.3	53.3	66.8	69.0	74.5	81.6	85.6	89.0	90.4	91.0	92.0	92.6	92.9	93.5
IV 600	14.1	42.8	49.5	53.5	67.1	69.8	75.4	83.1	87.3	90.8	92.1	92.7	93.8	94.4	94.7	95.3
IV 500	14.1	42.8	49.5	53.5	67.1	69.8	75.6	83.4	87.7	91.4	92.7	93.3	94.4	95.0	95.3	96.0
IV 400	14.1	42.8	49.5	53.5	67.1	69.8	75.6	83.6	88.4	92.3	93.6	94.2	95.4	96.0	96.4	97.2
IV 300	14.1	42.8	49.5	53.5	67.1	69.8	75.6	83.7	88.5	92.4	94.1	94.7	95.9	96.7	97.2	98.5
IV 200	14.1	42.8	49.5	53.5	67.1	69.8	75.6	83.7	88.6	92.4	94.2	94.8	96.1	97.2	97.6	99.3
IV 100	14.1	42.8	49.5	53.5	67.1	69.8	75.6	83.7	88.6	92.4	94.2	94.8	96.1	97.5	98.1	100.0
IV 0	14.1	42.8	49.5	53.5	67.1	69.8	75.6	83.7	88.6	92.4	94.2	94.8	96.1	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

675

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

08-77
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING	10.8	20.2	23.6	25.0	29.9	30.7	32.5	34.5	35.1	35.5	35.0	35.9	36.0	36.3	36.3	36.4
≥ 20000	12.7	24.4	28.5	31.0	37.8	38.9	41.7	43.9	44.6	45.4	45.6	45.8	46.0	46.2	46.2	46.4
≥ 18000	12.7	24.4	28.5	31.0	37.8	38.9	41.7	43.9	44.6	45.4	45.6	45.8	46.0	46.2	46.2	46.4
≥ 16000	12.7	24.4	28.5	31.0	37.8	38.9	41.7	43.9	44.6	45.4	45.6	45.8	46.0	46.2	46.2	46.4
≥ 14000	12.8	24.7	28.8	31.2	38.1	39.2	42.0	44.2	44.9	45.7	45.8	46.1	46.2	46.5	46.5	46.7
≥ 12000	13.1	25.2	29.3	31.8	38.9	40.4	43.1	45.4	46.1	46.9	47.1	47.3	47.5	47.7	47.7	47.9
≥ 10000	14.3	27.6	31.8	34.4	41.9	43.0	46.2	49.0	49.9	50.9	51.3	51.7	52.0	52.3	52.3	52.4
≥ 9000	14.5	29.2	33.7	36.8	45.0	46.2	49.5	52.7	53.6	54.6	55.0	55.4	55.7	55.9	55.9	56.1
≥ 8000	14.6	30.2	34.7	37.8	46.4	47.7	51.0	54.4	55.4	56.3	56.8	57.2	57.4	57.7	57.7	57.8
≥ 7000	14.6	30.2	34.8	37.9	46.5	47.9	51.3	54.8	55.9	56.9	57.3	57.7	58.0	58.3	58.3	58.4
≥ 6000	14.6	30.7	35.3	38.5	47.2	48.6	52.1	55.9	57.0	58.0	58.4	58.8	59.1	59.3	59.3	59.5
≥ 5000	14.9	31.5	36.3	39.8	49.2	50.8	54.4	58.3	59.5	60.4	60.8	61.3	61.7	61.9	61.9	62.1
≥ 4500	15.7	33.0	38.5	42.2	51.8	53.3	57.0	61.1	62.5	63.4	63.8	64.3	64.7	64.9	64.9	65.1
≥ 4000	16.8	35.7	41.5	45.3	55.9	57.6	61.7	65.9	67.4	68.3	69.0	69.4	70.0	70.3	70.3	70.4
≥ 3500	17.9	37.4	43.2	47.2	57.8	59.6	64.0	68.2	69.8	70.8	71.5	71.9	72.4	72.7	72.7	72.9
≥ 3000	19.1	38.9	44.7	48.7	59.3	61.1	65.8	70.0	71.6	72.6	73.3	73.7	74.2	74.5	74.5	74.6
≥ 2500	19.8	40.0	46.1	50.2	61.0	62.8	67.7	71.9	73.5	74.5	75.2	75.6	76.1	76.4	76.4	76.5
≥ 2000	20.3	41.7	48.0	52.1	63.2	64.9	70.0	74.2	75.9	76.8	77.5	77.9	78.4	78.7	78.7	78.9
≥ 1800	20.5	42.2	48.6	52.7	64.3	66.2	71.2	75.4	77.1	78.2	78.9	79.3	79.8	80.1	80.1	80.2
≥ 1500	20.6	43.7	50.1	54.2	66.4	68.3	73.4	77.6	79.3	80.4	81.0	81.4	82.0	82.3	82.3	82.4
≥ 1200	20.6	44.3	50.9	55.0	67.8	70.0	75.3	79.8	81.7	82.8	83.5	83.9	84.4	84.7	84.7	84.9
≥ 1000	20.6	45.2	51.8	55.9	69.3	71.5	76.9	81.4	83.4	84.4	85.1	85.5	86.1	86.4	86.4	86.5
≥ 900	20.6	45.2	52.0	56.1	69.4	71.8	77.6	82.1	84.2	85.3	86.1	86.5	87.0	87.3	87.3	87.4
≥ 800	20.6	45.3	52.1	56.2	69.7	72.2	78.4	83.2	85.5	86.8	87.6	88.0	88.5	88.8	88.8	88.9
≥ 700	20.6	45.3	52.1	56.3	70.0	72.6	79.3	84.4	87.3	88.7	89.5	89.9	90.5	90.7	90.7	90.9
≥ 600	20.6	45.3	52.1	56.5	70.4	73.1	79.9	86.2	89.2	91.0	91.8	92.2	92.8	93.0	93.0	93.2
≥ 500	20.6	45.3	52.1	56.5	70.7	73.4	80.6	87.7	91.1	93.6	94.7	95.2	95.8	96.0	96.0	96.2
≥ 400	20.6	45.3	52.1	56.5	70.7	73.4	80.6	87.7	91.5	94.5	95.6	96.2	97.3	97.5	97.7	97.8
≥ 300	20.6	45.3	52.1	56.5	70.7	73.4	80.8	87.9	91.7	95.0	96.0	96.7	97.8	98.4	98.6	98.9
≥ 200	20.6	45.3	52.1	56.5	70.7	73.4	80.8	87.9	91.7	95.0	96.0	96.7	98.1	98.6	98.9	99.7
≥ 100	20.6	45.3	52.1	56.5	70.7	73.4	80.8	87.9	91.7	95.0	96.0	96.7	98.1	98.8	99.0	100.0
≥ 0	20.6	45.3	52.1	56.5	70.7	73.4	80.8	87.9	91.7	95.0	96.0	96.7	98.1	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

733

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

8-77

YEARS

UNIT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.4	27.9	30.4	32.3	36.2	36.9	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 20000	17.1	34.9	37.7	39.6	44.1	45.0	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 18000	17.1	34.9	37.8	39.8	44.2	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 16000	17.1	34.9	37.8	39.8	44.2	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 14000	17.1	34.9	37.8	39.8	44.2	45.1	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 12000	18.0	36.4	39.6	41.5	46.3	47.2	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 10000	18.8	38.7	42.3	44.5	50.0	50.9	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 9000	19.7	40.4	43.9	46.4	52.2	53.4	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 8000	19.9	41.2	44.8	47.6	53.6	54.7	55.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 7000	20.0	41.4	45.0	47.8	53.9	55.0	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 6000	20.5	42.1	45.8	48.7	54.7	55.9	56.5	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 5000	21.2	44.7	48.5	51.3	57.7	59.1	59.6	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4500	22.1	46.6	50.6	53.4	59.9	61.3	61.9	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	23.3	48.2	52.4	55.2	61.9	63.4	64.2	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 3500	24.8	50.3	54.7	57.9	64.7	66.3	67.2	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	27.2	54.5	59.1	62.5	69.4	71.2	72.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 2500	30.1	58.3	62.6	66.2	73.1	74.9	76.0	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2000	32.3	61.9	67.2	70.9	78.8	80.6	81.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	32.5	63.2	68.5	72.8	80.9	82.6	83.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	32.6	64.7	70.4	74.8	83.8	85.6	87.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	32.6	65.3	70.8	75.7	85.9	88.0	89.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	32.6	65.4	70.9	76.0	86.5	88.7	90.5	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	32.6	65.4	71.1	76.1	87.2	89.5	91.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	32.6	65.4	71.2	76.3	87.5	89.8	92.0	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	32.6	65.4	71.2	76.3	88.1	90.9	93.3	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	32.6	65.4	71.2	76.3	88.4	91.2	93.9	95.7	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	32.6	65.4	71.2	76.3	88.7	91.7	94.8	96.9	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	32.6	65.4	71.2	76.3	88.9	92.0	95.3	97.5	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	32.6	65.4	71.2	76.3	88.9	92.0	95.3	97.8	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	32.6	65.4	71.2	76.3	88.9	92.0	95.3	97.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	32.6	65.4	71.2	76.3	88.9	92.0	95.3	97.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	32.6	65.4	71.2	76.3	88.9	92.0	95.3	97.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

674

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ ¼	≥ 0
NO CEILING	19.7	32.4	33.4	33.6	34.6	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9
≥ 20000	24.4	40.5	41.8	42.1	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.6	43.6	43.6
≥ 18000	24.7	40.8	42.1	42.4	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0
≥ 16000	24.7	40.8	42.1	42.4	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0
≥ 14000	24.9	41.5	42.9	43.2	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9
≥ 12000	25.0	42.1	43.4	43.9	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.7	45.7	45.7	45.7
≥ 10000	25.3	44.6	45.9	46.4	48.3	48.5	48.9	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2	49.2
≥ 9000	25.8	45.7	47.0	47.7	50.2	50.4	50.8	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1
≥ 8000	26.1	47.0	48.5	49.3	52.6	52.7	53.3	53.5	53.6	53.8	53.8	53.9	53.9	53.9	53.9	53.9
≥ 7000	26.4	47.3	48.7	49.6	52.9	53.0	53.6	53.8	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2
≥ 6000	27.2	48.5	49.9	50.8	54.1	54.2	54.9	55.4	55.5	55.7	55.7	55.8	55.8	55.8	55.8	55.8
≥ 5000	27.5	49.9	51.4	52.3	55.8	56.1	56.8	57.7	57.9	58.0	58.0	58.2	58.2	58.2	58.2	58.2
≥ 4500	30.0	53.5	54.9	55.8	59.8	60.1	60.8	61.7	61.9	62.0	62.0	62.7	62.3	62.3	62.3	62.3
≥ 4000	32.3	57.1	58.9	59.8	64.4	64.7	65.7	66.7	66.9	67.0	67.0	67.2	67.3	67.3	67.3	67.3
≥ 3500	35.1	62.0	63.8	64.7	69.7	70.0	71.1	72.2	72.3	72.5	72.5	72.6	72.8	72.8	72.8	72.8
≥ 3000	38.9	67.6	69.8	70.8	76.6	76.9	78.1	79.1	79.2	79.4	79.4	79.5	79.7	79.7	79.7	79.7
≥ 2500	41.1	70.8	73.3	74.8	81.9	82.3	83.5	84.5	84.7	84.8	84.8	85.0	85.1	85.1	85.1	85.1
≥ 2000	42.7	74.1	76.9	79.2	86.7	87.2	88.4	89.4	89.5	89.7	89.7	89.8	90.0	90.0	90.0	90.0
≥ 1800	42.9	75.0	77.8	80.4	88.1	88.7	89.8	90.9	91.0	91.2	91.2	91.3	91.5	91.5	91.5	91.5
≥ 1500	42.9	75.6	78.5	81.1	89.7	90.4	91.9	92.9	93.2	93.4	93.4	93.5	93.7	93.7	93.7	93.7
≥ 1200	43.0	76.1	79.1	82.0	91.5	92.2	93.7	94.7	95.1	95.3	95.3	95.4	95.6	95.6	95.6	95.6
≥ 1000	43.2	76.4	79.5	82.5	91.9	92.6	94.1	95.3	95.7	95.9	95.9	96.0	96.2	96.2	96.2	96.2
≥ 900	43.2	76.4	79.5	82.5	91.9	92.6	94.3	95.6	96.0	96.2	96.2	96.3	96.5	96.5	96.5	96.5
≥ 800	43.2	76.6	79.7	82.6	92.0	93.1	95.0	96.5	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3
≥ 700	43.2	76.9	80.0	82.9	92.6	93.7	95.6	97.1	97.5	97.6	97.6	97.8	97.9	97.9	97.9	97.9
≥ 600	43.2	76.9	80.0	82.9	92.8	94.0	96.2	97.8	98.4	98.4	98.5	98.7	98.8	98.8	98.8	98.8
≥ 500	43.2	76.9	80.0	82.9	92.8	94.0	96.5	98.2	99.1	99.3	99.3	99.4	99.6	99.6	99.6	99.6
≥ 400	43.2	76.9	80.0	82.9	92.8	94.0	96.5	98.4	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7
≥ 300	43.2	76.9	80.0	82.9	92.8	94.0	96.6	98.5	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 200	43.2	76.9	80.0	82.9	92.8	94.0	96.6	98.5	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 100	43.2	76.9	80.0	82.9	92.8	94.0	96.6	98.5	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 0	43.2	76.9	80.0	82.9	92.8	94.0	96.6	98.5	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

679

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG N

8-77

1141

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	22.5	34.8	36.6	37.1	38.5	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 20000	30.2	46.9	49.1	49.8	51.4	51.7	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	30.3	47.2	49.4	50.1	51.7	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000	30.3	47.2	49.4	50.1	51.7	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000	30.5	47.8	50.1	50.7	52.3	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 12000	31.5	49.9	52.5	53.3	54.9	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	33.5	53.8	56.5	57.3	59.4	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 9000	34.3	55.4	58.3	59.4	61.6	62.6	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	34.8	56.2	59.1	60.2	62.9	64.0	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	35.0	56.3	59.4	60.3	63.2	64.4	64.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	35.8	57.3	60.4	61.3	64.4	65.5	65.8	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	37.2	60.2	63.2	64.4	67.4	68.5	69.2	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	40.1	64.7	68.1	69.3	72.9	74.0	74.6	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	42.2	67.6	71.3	73.0	77.4	78.5	79.3	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	44.0	70.3	74.2	75.9	81.7	82.8	83.6	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	45.7	72.6	76.6	78.3	84.4	85.7	86.7	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	47.0	74.8	79.0	81.2	87.8	89.1	90.0	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	47.4	76.9	81.1	83.3	90.7	92.1	93.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	47.7	77.2	81.5	83.9	91.5	92.9	94.1	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	47.7	77.8	82.5	85.2	93.1	94.5	95.8	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	47.8	78.5	83.1	85.9	93.7	95.2	96.6	97.0	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	47.8	78.7	83.3	86.0	94.1	95.5	97.3	97.6	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	47.8	79.1	83.8	86.5	94.5	96.1	98.1	98.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	47.8	79.1	83.8	86.5	94.5	96.1	98.1	98.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	47.8	79.1	83.8	86.5	94.5	96.1	98.2	98.6	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	47.8	79.1	83.8	86.5	94.5	96.1	98.4	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	47.8	79.1	83.8	86.5	94.5	96.1	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.8	79.1	83.8	86.5	94.5	96.1	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.8	79.1	83.8	86.5	94.5	96.1	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.8	79.1	83.8	86.5	94.5	96.1	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.8	79.1	83.8	86.5	94.5	96.1	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.8	79.1	83.8	86.5	94.5	96.1	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

623

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING ≥ 20000	29.3 38.0	40.2 53.7	41.3 55.5	43.1 57.4	44.8 59.4	45.3 59.8	45.7 60.4	45.7 60.6	45.9 60.7	46.0 60.8	46.0 60.8	46.0 61.0	46.0 61.0	46.0 61.0	46.0 61.0	46.0 61.0
≥ 18000 ≥ 16000	38.0 38.0	53.7 53.7	55.5 55.5	57.4 57.4	59.4 59.4	59.8 59.8	60.4 60.4	60.6 60.6	60.7 60.7	60.8 60.8	60.8 60.8	61.0 61.0	61.0 61.0	61.0 61.0	61.0 61.0	61.0 61.0
≥ 14000 ≥ 12000	38.3 38.3	54.1 54.4	55.9 56.3	57.8 58.4	59.8 60.7	60.3 61.1	60.8 61.7	61.0 61.9	61.1 62.0	61.3 62.2	61.3 62.2	61.4 62.3	61.4 62.3	61.4 62.3	61.4 62.3	61.4 62.3
≥ 10000 ≥ 9000	39.6 40.2	57.5 59.7	59.5 61.9	62.0 64.8	64.6 67.7	65.2 68.4	66.1 69.6	66.2 69.7	66.4 69.9	66.5 70.0	66.5 70.0	66.7 70.2	66.7 70.2	66.7 70.2	66.7 70.2	66.7 70.2
≥ 8000 ≥ 7000	40.8 40.8	61.4 61.6	63.9 64.0	66.8 67.0	70.0 70.2	70.7 70.9	71.9 72.1	72.2 72.3	72.3 72.5	72.5 72.6	72.5 72.6	72.6 72.8	72.6 72.8	72.6 72.8	72.6 72.8	72.6 72.8
≥ 6000 ≥ 5000	41.9 44.0	63.0 66.1	65.5 68.7	68.4 71.6	71.9 75.1	72.6 76.0	73.8 77.1	74.1 77.4	74.2 77.6	74.4 77.7	74.4 77.7	74.5 77.9	74.5 77.9	74.5 77.9	74.5 77.9	74.5 77.9
≥ 4500 ≥ 4000	46.3 47.5	69.1 71.3	72.3 75.3	75.4 78.6	79.0 82.4	79.9 83.3	81.1 84.6	81.4 84.9	81.5 85.0	81.7 85.2	81.7 85.2	81.8 85.3	81.8 85.3	81.8 85.3	81.8 85.3	81.8 85.3
≥ 3500 ≥ 3000	48.3 48.6	72.6 73.8	76.7 78.0	80.3 81.7	84.9 86.2	85.7 87.0	87.0 88.5	87.3 88.8	87.5 88.9	87.6 89.1	87.6 89.2	87.8 89.2	87.8 89.2	87.8 89.2	87.8 89.2	87.8 89.2
≥ 2500 ≥ 2000	49.3 49.5	75.5 77.0	79.8 81.2	83.6 85.0	88.2 90.0	89.1 91.1	90.5 93.0	91.0 93.6	91.1 93.7	91.3 93.9	91.3 93.9	91.4 94.0	91.4 94.0	91.4 94.0	91.4 94.0	91.4 94.0
≥ 1800 ≥ 1500	49.8 49.8	77.6 78.5	81.8 83.0	85.7 87.2	90.7 92.3	91.8 93.6	93.7 95.5	94.3 96.2	94.5 96.4	94.8 96.7	94.8 96.7	94.9 96.8	94.9 96.8	94.9 96.8	94.9 96.8	94.9 96.8
≥ 1200 ≥ 1000	49.8 49.8	78.9 79.2	83.4 83.7	87.8 88.1	93.0 93.3	94.3 94.6	96.5 96.8	97.2 97.7	97.5 98.0	97.8 98.3	97.8 98.3	98.0 98.4	98.0 98.4	98.0 98.4	98.0 98.4	98.0 98.4
≥ 900 ≥ 800	49.8 49.8	79.2 79.2	83.7 83.7	88.1 88.1	93.4 93.4	94.8 94.8	96.9 96.9	97.8 98.0	98.3 98.4	98.7 98.8	98.7 98.8	98.8 99.0	98.8 99.0	98.8 99.0	98.8 99.0	98.8 99.0
≥ 700 ≥ 600	49.8 49.8	79.2 79.2	83.7 83.7	88.2 88.2	93.6 93.7	94.9 95.1	97.1 97.2	98.1 98.4	98.7 99.0	99.1 99.4	99.1 99.4	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6
≥ 500 ≥ 400	49.8 49.8	79.2 79.2	83.7 83.7	88.2 88.2	93.7 93.7	95.1 95.1	97.4 97.4	98.5 98.5	99.3 99.3	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 300 ≥ 200	49.8 49.8	79.2 79.2	83.7 83.7	88.2 88.2	93.7 93.7	95.1 95.1	97.4 97.4	98.5 98.5	99.3 99.3	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 ≥ 0	49.8 49.8	79.2 79.2	83.7 83.7	88.2 88.2	93.7 93.7	95.1 95.1	97.4 97.4	98.5 98.5	99.3 99.3	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

687

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG MI

8-77

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	22.6	38.7	42.4	45.2	49.7	50.9	51.3	51.8	51.9	57.1	52.1	52.2	52.4	52.5	52.5	52.5
≥ 20000	25.6	44.9	49.6	52.7	58.3	59.5	60.0	60.7	60.9	61.0	61.0	61.2	61.3	61.5	61.5	61.5
≥ 18000	25.6	44.9	49.6	52.7	58.3	59.5	60.0	60.7	60.9	61.0	61.0	61.2	61.3	61.5	61.5	61.5
≥ 16000	25.6	44.9	49.6	52.7	58.3	59.5	60.0	60.7	60.9	61.0	61.0	61.2	61.3	61.5	61.5	61.5
≥ 14000	25.6	44.9	49.6	52.7	58.3	59.5	60.0	60.7	60.9	61.0	61.0	61.2	61.3	61.5	61.5	61.5
≥ 12000	25.9	45.4	50.0	53.1	58.9	60.1	60.6	61.3	61.5	61.6	61.6	61.8	61.9	62.1	62.1	62.1
≥ 10000	27.2	48.5	53.3	56.9	62.9	64.3	65.6	66.5	66.7	66.8	66.8	67.0	67.1	67.3	67.3	67.3
≥ 9000	27.5	50.0	54.9	58.2	65.0	66.4	67.7	68.8	68.9	69.0	69.0	69.2	69.5	69.6	69.6	69.6
≥ 8000	28.3	51.3	56.5	60.0	67.1	68.5	69.8	70.8	71.0	71.1	71.1	71.4	71.6	71.7	71.7	71.7
≥ 7000	28.3	51.5	56.7	60.1	67.3	68.6	69.9	71.0	71.1	71.3	71.3	71.6	71.7	71.9	71.9	71.9
≥ 6000	28.4	52.1	57.3	60.7	67.9	69.2	70.5	71.6	71.9	72.0	72.0	72.3	72.5	72.6	72.6	72.6
≥ 5000	29.9	55.5	60.7	64.4	72.2	73.7	75.0	76.2	76.5	76.6	76.6	76.9	77.1	77.2	77.2	77.2
≥ 4500	31.4	57.9	63.2	67.4	75.1	76.8	78.1	79.5	79.8	79.9	79.9	80.2	80.4	80.5	80.5	80.5
≥ 4000	32.1	59.5	65.0	69.6	78.0	79.6	81.0	82.3	82.6	82.7	82.7	83.0	83.2	83.3	83.3	83.3
≥ 3500	32.4	60.7	66.2	70.8	79.6	81.3	82.6	83.9	84.2	84.4	84.4	84.7	84.8	85.0	85.0	85.0
≥ 3000	33.2	61.6	67.4	72.2	81.1	82.9	84.2	85.9	86.2	86.3	86.3	86.6	86.8	86.9	86.9	86.9
≥ 2500	33.5	62.5	68.3	73.1	82.0	83.8	85.1	86.8	87.1	87.2	87.2	87.5	87.6	87.8	87.8	87.8
≥ 2000	33.6	64.1	69.9	74.7	83.6	85.6	86.9	88.7	89.1	89.2	89.3	89.6	89.7	89.9	89.9	89.9
≥ 1800	33.8	64.7	70.5	75.3	84.4	86.5	87.8	89.7	90.2	90.3	90.3	90.6	90.8	90.9	90.9	90.9
≥ 1500	34.1	66.4	72.3	77.1	86.6	88.7	90.0	92.4	92.9	93.3	93.3	93.6	93.8	93.9	93.9	93.9
≥ 1200	34.2	67.1	73.4	78.4	88.8	91.1	92.4	94.9	95.5	96.0	96.1	96.4	96.6	96.7	96.7	96.7
≥ 1000	34.2	67.3	73.5	78.6	89.3	91.7	93.0	95.5	96.1	96.7	96.9	97.2	97.3	97.5	97.5	97.5
≥ 900	34.2	67.3	73.5	78.6	89.3	91.7	93.0	95.5	96.1	96.7	96.9	97.2	97.3	97.5	97.5	97.5
≥ 800	34.2	67.3	73.5	78.6	89.4	91.8	93.2	95.8	96.4	97.0	97.2	97.5	97.6	97.8	97.8	97.8
≥ 700	34.2	67.3	73.5	78.6	89.4	91.8	93.2	95.8	96.4	97.0	97.2	97.5	97.6	97.8	97.8	97.8
≥ 600	34.2	67.3	73.5	78.6	89.4	91.8	93.2	96.3	96.9	97.5	97.8	98.1	98.2	98.4	98.4	98.4
≥ 500	34.2	67.3	73.5	78.6	89.4	92.0	93.5	96.9	97.9	98.8	99.1	99.4	99.6	99.7	99.7	99.7
≥ 400	34.2	67.3	73.5	78.6	89.4	92.1	93.6	97.0	98.1	99.1	99.4	99.7	99.9	100.0	100.0	100.0
≥ 300	34.2	67.3	73.5	78.6	89.4	92.1	93.6	97.0	98.1	99.1	99.4	99.7	99.9	100.0	100.0	100.0
≥ 200	34.2	67.3	73.5	78.6	89.4	92.1	93.6	97.0	98.1	99.1	99.4	99.7	99.9	100.0	100.0	100.0
≥ 100	34.2	67.3	73.5	78.6	89.4	92.1	93.6	97.0	98.1	99.1	99.4	99.7	99.9	100.0	100.0	100.0
≥ 0	34.2	67.3	73.5	78.6	89.4	92.1	93.6	97.0	98.1	99.1	99.4	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

672

USAF ETAC

FORM
101-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

1977
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ ¼	≥ 0
NO CEILING	17.6	30.7	33.5	35.2	38.3	39.6	40.6	41.6	42.1	42.8	42.9	43.1	43.2	43.3	43.4	43.5
≥ 20000	21.4	37.6	41.0	42.9	47.3	48.2	49.5	50.6	51.2	52.0	52.1	52.3	52.4	52.5	52.6	52.7
≥ 18000	21.5	37.7	41.1	43.0	47.4	48.3	49.6	50.8	51.3	52.1	52.2	52.4	52.5	52.6	52.7	52.8
≥ 16000	21.5	37.7	41.1	43.0	47.4	48.3	49.6	50.8	51.3	52.1	52.2	52.4	52.5	52.6	52.7	52.8
≥ 14000	21.6	38.0	41.4	43.3	47.7	48.6	49.9	51.1	51.7	52.4	52.6	52.7	52.8	53.0	53.0	53.1
≥ 12000	21.9	38.6	42.1	44.2	48.7	49.6	50.9	52.2	52.8	53.5	53.6	53.8	53.9	54.0	54.1	54.2
≥ 10000	22.9	41.2	44.8	47.1	52.2	53.2	54.7	56.0	56.7	57.5	57.7	57.9	58.0	58.1	58.2	58.3
≥ 9000	23.4	42.6	46.4	48.9	54.4	55.5	57.2	58.7	59.4	60.2	60.4	60.6	60.8	60.9	61.0	61.1
≥ 8000	23.8	43.8	47.6	50.2	56.0	57.1	58.9	60.6	61.3	62.1	62.3	62.6	62.7	62.9	62.9	63.0
≥ 7000	23.9	43.9	47.8	50.4	56.2	57.4	59.1	60.9	61.6	62.4	62.6	62.9	63.0	63.1	63.2	63.3
≥ 6000	24.4	44.8	48.7	51.3	57.2	58.3	60.1	62.0	62.8	63.6	63.8	64.0	64.2	64.3	64.4	64.5
≥ 5000	25.3	47.2	51.3	54.0	60.3	61.5	63.4	65.4	66.2	67.0	67.3	67.5	67.7	67.8	67.9	68.0
≥ 4500	26.9	49.6	54.0	56.9	63.5	64.8	66.8	68.9	69.7	70.5	70.8	71.0	71.2	71.3	71.4	71.5
≥ 4000	28.0	51.9	56.6	59.6	66.9	68.3	70.5	72.7	73.6	74.4	74.7	74.9	75.1	75.2	75.3	75.4
≥ 3500	29.3	54.2	58.9	62.1	69.8	71.3	73.6	75.8	76.7	77.6	77.9	78.1	78.3	78.4	78.5	78.6
≥ 3000	30.7	56.5	61.4	64.7	72.8	74.4	76.7	79.0	79.9	80.8	81.0	81.3	81.5	81.6	81.7	81.8
≥ 2500	31.9	58.4	63.4	66.9	75.3	76.9	79.4	81.7	82.6	83.5	83.8	84.0	84.2	84.3	84.4	84.5
≥ 2000	32.6	60.6	65.8	69.4	78.3	79.9	82.5	84.9	85.8	86.7	87.0	87.2	87.5	87.6	87.7	87.8
≥ 1800	32.7	61.3	66.5	70.3	79.3	81.0	83.6	86.0	87.0	87.9	88.2	88.4	88.6	88.8	88.8	88.9
≥ 1500	32.9	62.3	67.7	71.7	81.2	83.0	85.7	88.3	89.3	90.2	90.5	90.7	91.0	91.1	91.1	91.3
≥ 1200	32.9	63.1	68.6	72.7	82.8	84.8	87.6	90.2	91.3	92.3	92.6	92.8	93.0	93.2	93.2	93.3
≥ 1000	32.9	63.4	68.9	73.1	83.5	85.5	88.5	91.1	92.3	93.3	93.6	93.8	94.0	94.2	94.2	94.3
≥ 700	32.9	63.5	69.0	73.2	83.8	85.9	88.9	91.6	92.8	93.8	94.1	94.4	94.6	94.7	94.8	94.9
≥ 800	32.9	63.5	69.1	73.3	83.9	86.1	89.3	92.2	93.4	94.4	94.8	95.0	95.2	95.4	95.4	95.5
≥ 700	32.9	63.6	69.2	73.4	84.3	86.6	89.9	92.8	94.2	95.2	95.6	95.8	96.1	96.2	96.2	96.4
≥ 600	32.9	63.6	69.2	73.5	84.5	86.9	90.4	93.7	95.2	96.3	96.7	96.9	97.2	97.3	97.3	97.5
≥ 500	32.9	63.6	69.2	73.5	84.6	87.0	90.7	94.3	95.9	97.3	97.7	98.0	98.2	98.4	98.4	98.5
≥ 400	32.9	63.6	69.2	73.5	84.6	87.0	90.8	94.4	96.2	97.7	98.2	98.4	98.8	98.9	99.0	99.1
≥ 300	32.9	63.6	69.2	73.5	84.6	87.0	90.9	94.5	96.4	98.0	98.5	98.7	99.1	99.3	99.4	99.6
≥ 200	32.9	63.6	69.2	73.5	84.6	87.0	90.9	94.6	96.4	98.0	98.5	98.8	99.2	99.4	99.5	99.9
≥ 100	32.9	63.6	69.2	73.5	84.6	87.0	90.9	94.6	96.4	98.0	98.5	98.8	99.2	99.5	99.6	100.0
≥ 0	32.9	63.6	69.2	73.5	84.6	87.0	90.9	94.6	96.4	98.0	98.5	98.8	99.2	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

5465

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 SLESTERBERG III

STATION NAME

8-77

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING	14.0	28.5	31.2	33.0	38.7	41.0	43.9	45.6	46.4	46.7	47.4	47.6	47.6	47.6	47.7	47.8
≥ 20000	15.4	32.7	35.7	37.5	43.8	46.0	49.1	51.2	52.0	52.3	53.0	53.1	53.1	53.1	53.3	53.4
≥ 18000	15.4	32.7	35.7	37.5	43.8	46.0	49.1	51.2	52.0	52.3	53.0	53.1	53.1	53.1	53.3	53.4
≥ 16000	15.4	32.7	35.7	37.5	43.8	46.0	49.1	51.2	52.0	52.3	53.0	53.1	53.1	53.1	53.3	53.4
≥ 14000	15.7	33.0	35.9	37.8	44.1	46.3	49.4	51.5	52.3	52.6	53.3	53.4	53.4	53.4	53.6	53.7
≥ 12000	15.8	33.4	36.5	38.3	44.8	47.1	50.2	52.3	53.1	53.4	54.1	54.3	54.3	54.3	54.4	54.5
≥ 10000	16.5	36.9	40.1	42.0	48.8	51.5	54.7	57.1	58.0	58.3	59.0	59.2	59.2	59.2	59.3	59.4
≥ 9000	16.6	38.2	41.7	43.6	51.3	54.3	57.5	60.0	61.1	61.5	62.2	62.4	62.4	62.4	62.5	62.7
≥ 8000	17.1	38.9	42.7	44.6	52.4	55.5	58.7	61.4	62.5	62.9	63.6	63.8	63.8	63.8	63.9	64.1
≥ 7000	17.1	39.2	42.9	45.0	52.9	55.9	59.2	62.0	63.1	63.5	64.2	64.3	64.3	64.3	64.5	64.6
≥ 6000	17.3	40.1	43.9	46.0	54.1	57.2	60.6	63.5	64.6	65.0	65.7	65.9	65.9	65.9	66.0	66.2
≥ 5000	19.0	42.8	47.4	49.7	58.0	61.1	64.5	67.7	68.8	69.2	70.2	70.3	70.3	70.3	70.5	70.6
≥ 4500	20.1	45.5	50.1	52.3	60.7	63.8	67.3	70.9	72.4	72.9	73.8	74.0	74.0	74.0	74.1	74.3
≥ 4000	21.8	47.8	52.6	55.0	63.5	66.6	70.3	74.1	75.9	76.6	77.6	77.8	77.8	77.8	77.9	78.0
≥ 3500	22.8	49.5	54.5	57.2	66.2	69.2	73.0	77.1	79.3	80.0	81.0	81.1	81.1	81.1	81.3	81.4
≥ 3000	23.5	50.2	55.2	57.9	67.1	70.5	75.0	79.0	81.4	82.1	83.1	83.2	83.2	83.2	83.4	83.5
≥ 2500	24.3	51.7	56.9	59.6	69.0	72.3	76.8	80.8	83.2	84.1	85.0	85.2	85.2	85.2	85.3	85.5
≥ 2000	24.9	52.9	58.3	61.0	70.4	74.1	78.6	82.7	85.0	85.9	86.9	87.0	87.0	87.0	87.1	87.3
≥ 1800	25.3	53.4	59.0	61.7	71.5	74.8	79.3	83.4	85.7	86.6	87.6	87.7	87.7	87.7	87.8	88.0
≥ 1500	25.3	54.0	59.7	62.5	72.4	76.2	80.8	84.9	87.8	88.7	89.7	89.8	89.8	89.8	89.9	90.1
≥ 1200	25.3	54.4	60.7	63.5	74.1	78.0	82.8	86.9	89.8	90.6	91.7	91.9	91.9	91.9	92.0	92.2
≥ 1000	25.3	54.4	60.8	63.8	74.8	78.7	83.6	88.1	91.2	92.0	93.1	93.3	93.3	93.3	93.4	93.6
≥ 900	25.3	54.5	61.0	63.9	75.5	79.4	84.8	89.4	92.6	93.4	94.5	94.7	94.7	94.7	94.8	95.0
≥ 800	25.3	54.7	61.1	64.1	75.8	79.7	85.7	90.5	93.7	94.7	95.8	96.1	96.2	96.2	96.4	96.5
≥ 700	25.3	54.7	61.3	64.2	76.4	80.6	86.6	91.7	95.0	95.9	97.1	97.3	97.5	97.5	97.6	97.8
≥ 600	25.3	54.7	61.3	64.2	76.5	80.7	86.7	92.3	95.7	96.6	97.8	98.0	98.2	98.2	98.3	98.5
≥ 500	25.3	54.7	61.3	64.2	76.5	80.7	86.7	92.3	95.8	96.8	98.0	98.3	98.5	98.5	98.6	98.7
≥ 400	25.5	54.8	61.4	64.3	76.6	80.8	86.9	92.6	96.1	97.1	98.3	98.6	98.7	98.7	98.9	99.0
≥ 300	25.5	54.8	61.4	64.3	76.6	80.8	86.9	92.7	96.6	97.8	99.0	99.3	99.4	99.4	99.6	99.7
≥ 200	25.5	54.8	61.4	64.3	76.6	80.8	86.9	92.7	96.6	97.8	99.0	99.3	99.4	99.4	99.6	99.9
≥ 100	25.5	54.8	61.4	64.3	76.6	80.8	86.9	92.7	96.6	97.8	99.0	99.3	99.4	99.4	99.6	100.0
≥ 0	25.5	54.8	61.4	64.3	76.6	80.8	86.9	92.7	96.6	97.8	99.0	99.3	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

715

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG

68-77

111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0	≥0
NO CEILING	8.9	16.8	18.8	19.7	25.5	27.3	29.5	32.3	34.4	35.9	36.4	36.8	37.0	37.7	37.9	38.3
≥ 20000	9.8	19.5	22.0	23.3	30.3	32.3	34.7	37.9	40.0	41.5	42.1	42.6	42.7	43.5	43.6	44.1
≥ 18000	9.8	19.5	22.0	23.3	30.3	32.3	34.7	37.9	40.0	41.5	42.1	42.6	42.7	43.5	43.6	44.1
≥ 16000	9.8	19.5	22.0	23.3	30.3	32.3	34.7	37.9	40.0	41.5	42.1	42.6	42.7	43.5	43.6	44.1
≥ 14000	9.8	19.5	22.0	23.3	30.3	32.3	34.7	38.0	40.2	41.7	42.3	42.7	42.9	43.6	43.8	44.2
≥ 12000	9.8	20.0	22.6	23.9	30.9	33.0	35.5	38.9	41.1	42.6	43.2	43.6	43.8	44.5	44.7	45.2
≥ 10000	10.5	21.4	24.1	25.6	32.7	34.8	37.3	41.1	43.2	45.2	45.8	46.2	46.4	47.1	47.3	47.7
≥ 9000	10.9	22.7	25.6	27.1	34.7	37.0	39.5	43.6	45.8	47.9	48.5	48.9	49.1	49.8	50.0	50.5
≥ 8000	11.4	23.8	26.8	28.6	36.4	38.6	41.2	45.3	47.6	49.7	50.3	50.9	51.2	52.0	52.1	52.6
≥ 7000	11.4	23.9	27.0	28.9	36.7	38.9	41.7	45.8	48.0	50.2	50.8	51.4	51.7	52.4	52.6	53.0
≥ 6000	11.5	24.4	27.4	29.4	37.1	39.4	42.1	46.4	48.6	50.8	51.4	52.0	52.3	53.0	53.2	53.6
≥ 5000	13.3	27.7	30.9	33.0	41.4	43.8	46.7	51.1	53.6	55.9	56.5	57.3	57.6	58.3	58.5	58.9
≥ 4500	14.2	29.5	32.7	34.8	43.3	45.9	48.8	53.2	55.9	58.3	59.1	59.8	60.2	60.9	61.1	61.5
≥ 4000	15.6	32.0	35.3	37.7	47.1	49.8	52.9	57.4	60.6	63.2	64.2	65.0	65.3	66.1	66.2	66.7
≥ 3500	17.0	35.3	38.6	41.2	51.1	53.9	57.1	61.7	65.0	67.6	68.6	69.4	69.7	70.5	70.6	71.1
≥ 3000	18.2	37.6	41.1	43.9	54.1	57.6	61.1	65.9	69.7	72.3	73.3	74.1	74.4	75.2	75.3	75.8
≥ 2500	18.2	38.2	41.7	44.5	54.7	58.2	61.7	67.0	70.8	73.5	74.5	75.3	75.6	76.4	76.5	77.0
≥ 2000	18.9	39.4	43.0	46.1	56.7	60.3	63.8	69.1	72.9	75.8	76.8	77.6	77.9	78.6	78.8	79.2
≥ 1800	18.9	40.0	43.6	46.7	57.4	61.1	64.5	70.0	73.8	76.7	77.7	78.5	78.8	79.5	79.7	80.2
≥ 1500	19.2	41.4	45.5	48.5	60.0	63.6	67.1	72.7	76.5	79.4	80.5	81.2	81.5	82.3	82.4	82.9
≥ 1200	19.2	42.6	46.7	49.7	61.5	65.3	69.1	75.3	79.2	82.3	83.6	84.4	84.7	85.5	85.6	86.1
≥ 1000	19.2	42.7	46.8	49.8	62.1	66.5	70.8	77.3	81.5	84.8	86.4	87.1	87.4	88.2	88.3	88.8
≥ 900	19.2	42.7	46.8	49.8	62.3	66.8	71.1	77.6	82.0	85.5	87.0	87.7	88.0	88.8	88.9	89.4
≥ 800	19.2	42.7	46.8	49.8	62.9	67.7	72.1	79.2	83.8	87.4	89.1	89.8	90.2	90.9	91.1	91.5
≥ 700	19.2	42.9	47.4	50.5	63.6	68.6	73.3	80.8	85.6	89.2	90.9	91.7	92.0	92.7	92.9	93.3
≥ 600	19.2	42.9	47.4	50.5	64.2	69.2	73.9	81.8	87.1	91.1	92.7	93.5	93.9	94.8	95.0	95.5
≥ 500	19.2	42.9	47.4	50.5	64.4	69.5	74.2	82.3	87.7	91.7	93.5	94.4	94.8	95.9	96.1	96.5
≥ 400	19.2	42.9	47.4	50.5	64.4	69.5	74.2	82.3	87.7	91.8	93.8	94.7	95.3	96.5	96.7	97.1
≥ 300	19.2	42.9	47.4	50.5	64.4	69.5	74.2	82.6	88.9	93.2	95.3	96.2	96.8	98.0	98.2	98.8
≥ 200	19.2	42.9	47.4	50.5	64.4	69.5	74.2	82.6	88.9	93.2	95.3	96.2	97.0	98.2	98.5	99.7
≥ 100	19.2	42.9	47.4	50.5	64.4	69.5	74.2	82.6	88.9	93.2	95.3	96.2	97.0	98.2	98.5	100.0
≥ 0	19.2	42.9	47.4	50.5	64.4	69.5	74.2	82.6	88.9	93.2	95.3	96.2	97.0	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

660

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 SOFSTERBERG NH STATION NAME

68-77 YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥1	≥0
NO CEILING	9.7	17.1	18.5	19.9	24.2	25.9	27.6	28.4	29.2	30.6	31.2	31.5	32.2	32.2	32.2	32.9
≥ 20000	11.6	20.6	22.8	24.8	30.2	32.2	34.3	35.7	36.6	38.5	39.2	39.4	40.1	40.3	40.3	41.0
≥ 18000	11.6	20.6	22.8	24.8	30.2	32.2	34.3	35.7	36.6	38.5	39.2	39.4	40.1	40.3	40.3	41.0
≥ 16000	11.6	20.6	22.8	24.8	30.2	32.2	34.3	35.7	36.6	38.5	39.2	39.4	40.1	40.3	40.3	41.0
≥ 14000	11.6	20.6	22.8	24.8	30.2	32.2	34.3	35.7	36.6	38.5	39.2	39.4	40.1	40.3	40.3	41.0
≥ 12000	11.7	20.8	23.1	25.0	30.6	32.6	34.8	36.2	37.2	39.0	39.7	40.0	40.7	40.8	40.8	41.5
≥ 10000	12.2	23.8	26.2	28.3	34.8	37.1	39.6	41.0	42.4	44.3	45.0	45.3	46.0	46.2	46.2	46.9
≥ 9000	12.3	24.6	27.1	29.5	36.8	39.4	42.1	43.6	45.2	47.3	48.0	48.3	49.0	49.1	49.1	49.8
≥ 8000	12.4	25.0	27.7	30.2	37.6	40.4	43.2	44.8	47.0	49.2	50.1	50.3	51.0	51.2	51.2	51.9
≥ 7000	12.4	25.0	27.7	30.2	37.6	40.4	43.2	44.8	47.0	49.4	50.2	50.5	51.2	51.3	51.3	52.0
≥ 6000	12.4	25.3	28.0	30.5	38.3	41.3	44.2	45.7	48.0	50.3	51.2	51.5	52.2	52.3	52.3	53.0
≥ 5000	13.4	27.3	29.9	32.4	40.6	43.6	47.3	49.0	51.2	53.7	54.5	54.8	55.5	55.7	55.7	56.4
≥ 4500	15.1	29.5	32.2	34.7	43.4	46.6	50.2	51.9	54.3	56.8	57.6	57.9	58.6	58.7	58.7	59.4
≥ 4000	16.9	32.7	35.8	38.5	47.3	50.6	54.8	56.5	59.0	61.7	62.5	62.8	63.5	63.6	63.6	64.3
≥ 3500	18.2	34.7	37.8	40.4	50.1	53.6	58.2	59.9	62.5	65.5	66.3	66.7	67.4	67.6	67.6	68.3
≥ 3000	18.9	36.1	39.4	42.1	52.2	55.7	60.4	62.1	65.3	68.3	69.1	69.5	70.2	70.5	70.5	71.2
≥ 2500	18.9	36.6	40.1	42.8	53.1	56.8	61.7	63.5	66.9	69.8	70.6	71.0	71.7	72.0	72.0	72.7
≥ 2000	19.2	37.6	41.4	44.2	55.2	59.0	64.1	66.3	69.8	72.9	73.7	74.1	74.8	75.1	75.1	75.8
≥ 1800	19.4	38.2	42.1	44.9	56.1	59.9	65.0	67.4	71.0	74.1	75.0	75.4	76.1	76.4	76.4	77.1
≥ 1500	19.9	39.2	43.4	46.4	57.9	62.1	67.3	69.7	73.3	76.4	77.2	77.6	78.2	78.6	78.6	79.3
≥ 1200	20.0	39.7	44.5	47.7	59.9	64.3	69.8	72.4	76.1	79.2	80.0	80.4	81.1	81.4	81.4	82.1
≥ 1000	20.0	39.7	44.5	48.3	61.4	66.0	71.7	74.8	78.5	81.7	82.5	82.9	83.6	83.9	83.9	84.6
≥ 900	20.0	39.7	44.6	48.4	61.8	66.7	72.7	76.5	80.6	83.9	84.8	85.2	85.9	86.2	86.2	86.9
≥ 800	20.0	39.9	44.8	48.5	62.1	67.6	73.8	77.3	82.0	85.6	86.4	86.9	87.7	88.0	88.0	88.7
≥ 700	20.0	39.9	44.9	48.7	62.2	68.0	74.3	79.0	83.5	87.4	88.4	88.8	89.7	90.1	90.1	90.8
≥ 600	20.0	39.9	45.0	48.8	62.4	68.1	75.0	80.4	85.3	89.5	90.5	91.0	91.9	92.4	92.4	93.1
≥ 500	20.0	39.9	45.0	48.8	62.5	68.3	75.2	81.5	86.7	92.0	93.1	93.7	94.7	95.2	95.2	95.9
≥ 400	20.0	39.9	45.0	48.8	62.5	68.3	75.2	81.8	87.3	92.9	94.1	94.7	95.7	96.5	96.6	97.3
≥ 300	20.0	39.9	45.0	48.8	62.5	68.3	75.2	82.0	87.8	93.6	95.1	95.7	96.8	97.8	97.9	98.9
≥ 200	20.0	39.9	45.0	48.8	62.5	68.3	75.2	82.0	87.8	93.6	95.1	95.7	96.8	98.0	98.2	99.6
≥ 100	20.0	39.9	45.0	48.8	62.5	68.3	75.2	82.0	87.8	93.6	95.1	95.7	96.8	98.0	98.2	100.0
≥ 0	20.0	39.9	45.0	48.8	62.5	68.3	75.2	82.0	87.8	93.6	95.1	95.7	96.8	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS

715

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

68-77

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	11.8	19.8	21.8	23.5	26.2	26.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 20000	16.0	26.5	28.8	31.3	34.8	35.6	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 18000	16.0	26.7	29.0	31.4	35.0	35.7	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 16000	16.0	26.7	29.0	31.4	35.0	35.7	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 14000	16.0	26.7	29.0	31.4	35.0	35.7	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 12000	16.0	27.0	29.3	31.9	35.7	36.5	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 10000	16.6	29.8	32.2	35.3	39.4	40.2	41.4	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 9000	17.2	31.0	33.7	37.0	41.7	42.5	43.9	43.9	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 8000	17.5	31.9	34.8	38.3	43.3	44.0	45.6	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 7000	17.5	32.1	35.0	38.5	43.6	44.3	45.9	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 6000	17.6	32.5	35.4	39.0	44.8	45.9	47.4	47.5	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 5000	19.2	36.7	39.7	43.3	50.0	51.1	52.8	53.1	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 4500	20.1	38.5	41.6	45.2	52.0	53.2	55.2	55.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4000	22.4	42.6	45.7	49.8	56.9	58.1	60.3	61.0	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3500	24.4	45.2	48.3	52.5	60.3	61.5	63.7	64.4	64.7	65.5	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3000	25.8	47.2	50.5	54.8	62.9	64.3	66.6	67.5	67.9	68.7	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2500	28.5	51.1	55.1	59.4	67.8	69.2	71.6	73.0	73.5	74.2	74.5	74.5	74.5	74.5	74.5	74.5
≥ 2000	31.0	56.9	61.2	66.0	75.2	76.5	79.0	80.5	81.0	81.7	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1800	31.3	58.6	63.2	68.3	77.6	79.1	81.6	83.4	83.9	84.7	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	31.9	60.0	64.7	69.8	80.1	81.7	84.2	86.0	86.5	87.7	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	31.9	60.7	65.8	71.2	82.7	84.8	87.4	89.4	89.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	31.9	60.9	66.0	71.3	83.4	85.7	89.3	91.4	91.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	31.9	61.0	66.1	71.5	83.9	86.2	90.6	92.8	93.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	31.9	61.2	66.3	71.6	84.0	86.7	91.3	93.4	94.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	31.9	61.2	66.3	71.6	84.0	86.7	91.7	93.9	94.6	96.2	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	31.9	61.2	66.3	71.6	84.0	86.7	92.2	94.8	95.9	97.5	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	31.9	61.2	66.3	71.6	84.2	86.8	92.8	96.0	97.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	31.9	61.2	66.3	71.6	84.2	86.8	92.9	96.3	97.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	31.9	61.2	66.3	71.6	84.2	86.8	92.9	96.3	97.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	31.9	61.2	66.3	71.6	84.2	86.8	92.9	96.3	97.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	31.9	61.2	66.3	71.6	84.2	86.8	92.9	96.3	97.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	31.9	61.2	66.3	71.6	84.2	86.8	92.9	96.3	97.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

652

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

68-77

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.5	23.3	24.8	25.3	27.2	27.6	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 20000	17.6	31.4	33.1	33.9	35.8	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 18000	17.6	31.4	33.1	33.9	35.8	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 16000	17.6	31.4	33.1	33.9	35.8	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 14000	17.6	31.4	33.3	34.0	36.3	36.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 12000	18.1	32.9	34.7	35.6	38.1	38.5	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 10000	19.6	35.3	37.4	38.4	41.1	41.5	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 9000	20.2	37.0	39.7	40.8	43.7	44.1	44.8	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2
≥ 8000	21.2	38.7	41.5	42.8	45.9	46.4	47.5	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.1
≥ 7000	21.2	38.7	41.5	42.8	45.9	46.4	47.7	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2
≥ 6000	21.5	39.0	41.8	43.1	46.2	46.7	47.9	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
≥ 5000	24.9	45.2	48.5	49.9	53.8	54.2	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3
≥ 4500	26.7	48.2	52.3	53.8	57.8	58.2	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 4000	28.9	51.8	56.5	57.9	62.0	62.4	64.2	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
≥ 3500	31.6	55.8	60.6	62.0	66.6	67.0	68.8	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 3000	35.4	61.7	66.9	68.3	73.0	73.5	75.7	76.4	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.1
≥ 2500	38.4	67.1	73.0	75.0	80.2	80.8	83.1	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 2000	40.5	71.3	77.7	80.2	85.9	86.8	89.0	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 1800	41.1	72.7	79.1	81.9	87.9	88.8	91.2	92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.9
≥ 1500	41.5	73.8	80.5	83.5	90.2	91.3	93.9	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 1200	41.5	74.1	81.1	84.4	92.2	93.3	96.0	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.9
≥ 1000	41.5	74.3	81.2	84.5	92.5	93.7	96.7	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 900	41.5	74.3	81.2	84.5	92.6	93.9	97.0	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 800	41.5	74.3	81.2	84.5	92.6	94.0	97.2	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 700	41.5	74.3	81.2	84.5	92.6	94.0	97.2	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 600	41.5	74.3	81.2	84.5	92.6	94.0	97.2	98.6	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	41.5	74.3	81.2	84.5	92.6	94.0	97.2	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400	41.5	74.3	81.2	84.5	92.6	94.0	97.2	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 300	41.5	74.3	81.2	84.5	92.6	94.0	97.2	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	41.5	74.3	81.2	84.5	92.6	94.0	97.2	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100	41.5	74.3	81.2	84.5	92.6	94.0	97.2	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 0	41.5	74.3	81.2	84.5	92.6	94.0	97.2	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS

703

USAF ETAC

FORM 701 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.6	31.5	32.8	33.4	34.9	34.9	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 20000	25.0	40.9	42.3	43.0	44.5	44.5	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 18000	25.4	41.2	42.7	43.3	44.8	44.8	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 16000	25.4	41.4	42.8	43.5	45.0	45.0	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	25.4	41.4	42.8	43.5	45.0	45.0	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 12000	26.0	42.7	44.2	44.8	46.6	46.6	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 10000	28.3	48.1	49.6	50.6	52.7	52.9	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 9000	28.7	50.6	52.1	53.2	56.3	56.8	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000	29.7	52.2	53.9	55.0	58.5	59.0	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	29.8	52.4	54.2	55.4	58.8	59.3	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 6000	30.8	53.7	55.5	56.8	60.3	60.8	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 5000	34.1	58.3	60.1	61.4	65.2	65.9	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4500	37.9	63.8	65.9	67.5	71.3	72.3	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	39.9	67.1	69.7	71.5	75.3	76.3	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	41.0	69.9	72.5	74.5	78.9	79.9	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	44.3	74.6	77.3	79.6	84.0	85.0	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	45.5	76.8	79.7	82.2	86.8	88.0	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	46.0	78.1	81.2	83.9	89.1	90.4	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1
≥ 1800	46.3	78.9	82.0	84.8	90.1	91.4	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2
≥ 1500	46.3	79.6	82.9	85.7	91.3	92.6	93.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
≥ 1200	46.3	79.7	83.0	86.0	92.4	93.9	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7
≥ 1000	46.3	79.7	83.0	86.0	92.8	94.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7
≥ 900	46.3	79.7	83.0	86.0	92.8	94.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7
≥ 800	46.3	79.7	83.0	86.0	92.8	94.4	96.5	97.9	97.9	97.9	97.9	98.0	98.0	98.2	98.2	98.2
≥ 700	46.3	79.7	83.0	86.0	92.8	94.4	96.7	98.0	98.0	98.2	98.2	98.4	98.4	98.5	98.5	98.5
≥ 600	46.3	79.7	83.0	86.0	92.8	94.4	96.7	98.7	98.7	99.0	99.0	99.2	99.2	99.3	99.3	99.3
≥ 500	46.3	79.7	83.0	86.0	93.1	94.7	97.0	99.0	99.0	99.3	99.3	99.5	99.5	99.7	99.8	99.8
≥ 400	46.3	79.7	83.0	86.0	93.1	94.7	97.0	99.0	99.0	99.3	99.3	99.5	99.5	99.7	99.8	99.8
≥ 300	46.3	79.7	83.0	86.0	93.1	94.7	97.0	99.0	99.0	99.5	99.5	99.7	99.7	99.8	99.8	99.8
≥ 200	46.3	79.7	83.0	86.0	93.1	94.7	97.0	99.0	99.0	99.5	99.5	99.7	99.7	99.8	99.8	99.8
≥ 100	46.3	79.7	83.0	86.0	93.1	94.7	97.0	99.0	99.0	99.5	99.5	99.7	99.7	99.8	99.8	99.8
≥ 0	46.3	79.7	83.0	86.0	93.1	94.7	97.0	99.0	99.0	99.5	99.5	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

607

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

8-77

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 5/16	≥ 1/4
NO CEILING	26.0	39.6	40.9	41.3	43.2	43.5	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1
≥ 20000	31.6	49.7	51.3	52.1	54.6	54.9	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 18000	31.6	49.7	51.3	52.1	54.6	54.9	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
IV 16000	31.6	49.7	51.3	52.1	54.6	54.9	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	31.9	50.3	52.1	52.8	55.3	55.6	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5
IV 12000	33.5	53.2	55.0	55.7	58.2	58.5	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	36.2	57.6	59.7	60.4	63.7	64.3	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
IV 9000	37.5	59.9	62.1	63.4	67.6	68.4	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	38.4	61.5	63.7	65.1	69.6	70.4	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1
IV 7000	38.5	61.6	63.8	65.3	69.7	70.6	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	40.1	63.5	65.7	67.2	72.1	73.1	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
IV 5000	41.9	66.3	68.8	70.6	75.9	76.9	78.4	78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	43.2	68.4	71.0	72.8	78.2	79.3	80.9	81.0	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5
IV 4000	45.9	72.2	75.0	76.8	82.5	83.7	85.6	86.0	86.0	86.2	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	46.8	74.6	77.5	79.3	85.6	86.9	88.8	89.3	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7
IV 3000	46.9	75.3	78.2	80.0	86.3	87.6	89.6	90.0	90.0	90.3	90.6	90.6	90.6	90.7	90.7	90.7
≥ 2500	47.6	76.5	79.4	81.2	87.6	89.0	91.2	91.6	91.6	91.9	92.2	92.2	92.2	92.4	92.4	92.4
IV 2000	48.5	77.9	80.9	82.6	89.6	91.2	93.4	93.8	94.0	94.3	94.6	94.6	94.6	94.7	94.7	94.7
≥ 1800	48.7	78.7	81.6	83.4	90.4	92.1	94.3	94.7	94.9	95.1	95.4	95.4	95.4	95.6	95.6	95.6
IV 1500	49.1	79.1	82.1	83.8	90.9	92.6	94.9	95.4	95.6	95.9	96.2	96.2	96.2	96.3	96.3	96.3
≥ 1200	49.1	79.3	82.4	84.1	91.6	93.7	96.0	96.6	96.8	97.1	97.4	97.4	97.4	97.5	97.5	97.5
IV 1000	49.3	79.4	82.5	84.3	91.8	94.0	96.6	97.2	97.4	97.6	97.9	97.9	97.9	98.1	98.1	98.1
≥ 900	49.3	79.4	82.5	84.3	91.8	94.0	96.8	97.8	97.9	98.2	98.5	98.5	98.5	98.7	98.7	98.7
IV 800	49.3	79.6	82.6	84.4	92.1	94.4	97.4	98.5	98.7	99.0	99.3	99.4	99.4	99.6	99.6	99.6
≥ 700	49.3	79.6	82.6	84.4	92.4	94.7	97.6	98.8	99.0	99.3	99.6	99.7	99.7	99.9	99.9	99.9
IV 600	49.3	79.6	82.6	84.4	92.4	94.7	97.6	98.8	99.0	99.3	99.6	99.7	99.7	99.9	99.9	99.9
≥ 500	49.3	79.6	82.6	84.4	92.4	94.7	97.6	98.8	99.0	99.3	99.6	99.7	99.7	99.9	99.9	99.9
IV 400	49.3	79.6	82.6	84.4	92.4	94.7	97.6	98.8	99.0	99.3	99.6	99.7	99.7	99.9	99.9	99.9
≥ 300	49.3	79.6	82.6	84.4	92.4	94.7	97.6	98.8	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0
IV 200	49.3	79.6	82.6	84.4	92.4	94.7	97.6	98.8	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0
≥ 100	49.3	79.6	82.6	84.4	92.4	94.7	97.6	98.8	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0
IV 0	49.3	79.6	82.6	84.4	92.4	94.7	97.6	98.8	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

680

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

68-77

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	22.3	37.1	39.5	40.6	44.1	45.0	46.1	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000	26.0	42.7	46.1	47.3	51.0	52.5	54.2	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	26.0	42.7	46.1	47.3	51.0	52.5	54.2	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	26.0	42.7	46.1	47.3	51.0	52.5	54.2	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	26.0	42.7	46.1	47.3	51.0	52.5	54.2	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	26.3	44.3	47.6	48.9	52.5	54.0	55.7	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 10000	27.6	48.2	51.6	52.8	57.1	59.1	60.9	61.7	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 9000	29.0	51.0	55.0	56.3	61.1	63.5	65.6	66.4	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	30.4	52.8	56.8	58.2	63.2	65.6	67.9	69.0	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8
≥ 7000	30.4	52.8	56.8	58.2	63.2	65.6	67.9	69.0	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	30.8	53.9	57.9	59.2	64.6	67.0	69.5	70.5	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	33.1	58.8	63.2	64.7	70.2	72.7	75.3	76.9	77.4	77.6	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	33.9	60.2	64.6	66.3	71.8	74.2	76.9	78.6	79.1	79.2	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	36.5	63.1	67.6	69.3	75.1	77.7	80.5	82.1	82.6	82.7	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	36.8	64.3	69.0	70.7	76.6	79.2	82.1	83.8	84.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	37.4	66.3	71.0	72.7	79.2	81.8	84.7	86.4	87.2	87.3	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	38.2	68.2	73.1	74.8	81.8	84.6	87.5	89.2	89.9	90.1	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000	38.6	69.2	74.2	75.9	83.2	86.0	88.9	91.0	91.8	91.9	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	38.6	69.5	74.5	76.2	84.3	87.2	90.1	92.2	93.0	93.1	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	38.9	70.1	75.1	76.8	85.2	88.1	91.1	93.4	94.2	94.4	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	38.9	70.2	75.4	77.3	86.3	89.2	92.2	94.5	95.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	38.9	70.2	75.4	77.3	86.4	89.5	92.8	95.1	96.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	38.9	70.4	75.7	77.6	86.7	89.8	93.1	95.6	96.6	96.9	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	38.9	70.4	75.7	77.6	86.9	90.2	93.7	96.2	97.3	97.6	98.2	98.2	98.3	98.3	98.3	98.3
≥ 700	38.9	70.4	75.7	77.6	86.9	90.2	93.9	96.3	97.4	97.7	98.3	98.3	98.5	98.5	98.5	98.5
≥ 600	38.9	70.4	75.7	77.6	86.9	90.2	93.9	96.5	97.6	98.0	98.6	98.6	98.8	98.8	98.8	98.8
≥ 500	38.9	70.4	75.7	77.6	86.9	90.4	94.0	96.9	98.0	98.8	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	38.9	70.4	75.7	77.6	86.9	90.4	94.0	96.9	98.0	98.8	99.5	99.5	99.7	99.7	99.7	99.7
≥ 300	38.9	70.4	75.7	77.6	86.9	90.4	94.0	97.1	98.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	38.9	70.4	75.7	77.6	86.9	90.4	94.0	97.1	98.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	38.9	70.4	75.7	77.6	86.9	90.4	94.0	97.1	98.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	38.9	70.4	75.7	77.6	86.9	90.4	94.0	97.1	98.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

655

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

STATION NAME

8-77

YEARS

JUL

HOURLY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	15.6	26.6	28.4	29.5	32.9	34.0	35.2	36.0	36.5	36.9	37.1	37.2	37.3	37.4	37.5	37.6
≥ 20000	19.0	32.9	35.1	36.5	40.5	41.7	43.2	44.1	44.6	45.1	45.4	45.5	45.6	45.7	45.7	45.9
≥ 18000	19.0	32.9	35.2	36.6	40.6	41.7	43.2	44.1	44.7	45.1	45.4	45.5	45.6	45.8	45.8	46.0
≥ 16000	19.0	32.9	35.2	36.6	40.6	41.8	43.3	44.2	44.7	45.2	45.5	45.6	45.7	45.8	45.8	46.0
≥ 14000	19.1	33.0	35.3	36.7	40.8	42.0	43.4	44.4	44.9	45.4	45.6	45.8	45.9	46.0	46.0	46.2
≥ 12000	19.5	34.1	36.5	37.9	42.1	43.3	44.8	45.7	46.3	46.7	47.0	47.1	47.2	47.4	47.4	47.6
≥ 10000	20.8	37.4	39.9	41.5	46.2	47.6	49.2	50.3	50.9	51.4	51.7	51.8	52.0	52.1	52.1	52.3
≥ 9000	21.4	39.1	41.9	43.7	49.0	50.6	52.4	53.6	54.2	54.9	55.2	55.4	55.5	55.6	55.6	55.8
≥ 8000	22.1	40.4	43.3	45.2	50.7	52.4	54.4	55.6	56.4	57.1	57.4	57.5	57.7	57.8	57.8	58.0
≥ 7000	22.1	40.5	43.4	45.3	50.9	52.6	54.6	55.9	56.7	57.4	57.7	57.8	58.0	58.1	58.1	58.3
≥ 6000	22.6	41.3	44.2	46.2	52.0	53.8	55.8	57.2	58.0	58.7	59.0	59.1	59.3	59.4	59.4	59.6
≥ 5000	24.7	45.1	48.3	50.4	56.7	58.5	60.8	62.3	63.1	63.8	64.2	64.4	64.5	64.6	64.7	64.9
≥ 4500	26.2	47.7	51.0	53.2	59.6	61.5	63.8	65.4	66.4	67.1	67.6	67.7	67.8	68.0	68.0	68.2
≥ 4000	28.3	50.9	54.5	56.8	63.5	65.5	68.0	69.7	70.8	71.7	72.2	72.3	72.4	72.5	72.6	72.8
≥ 3500	29.6	53.4	57.1	59.4	66.7	68.7	71.4	73.2	74.4	75.3	75.8	76.0	76.1	76.2	76.3	76.5
≥ 3000	31.1	55.8	59.6	62.1	69.6	71.8	74.6	76.5	77.9	78.9	79.4	79.6	79.7	79.8	79.9	80.1
≥ 2500	32.2	58.0	62.1	64.6	72.4	74.6	77.6	79.6	81.0	82.0	82.5	82.7	82.8	83.0	83.0	83.2
≥ 2000	33.2	60.1	64.4	67.2	75.4	77.8	80.8	83.0	84.4	85.5	86.0	86.2	86.3	86.4	86.5	86.7
≥ 1800	33.5	60.9	65.3	68.2	76.6	79.0	82.1	84.4	85.9	86.9	87.4	87.6	87.7	87.9	87.9	88.1
≥ 1500	33.8	61.8	66.4	69.3	78.2	80.8	83.9	86.3	87.9	89.0	89.5	89.6	89.8	89.9	90.0	90.1
≥ 1200	33.8	62.3	67.1	70.2	79.8	82.6	85.9	88.4	90.0	91.2	91.7	91.9	92.1	92.2	92.2	92.4
≥ 1000	33.8	62.3	67.2	70.4	80.4	83.3	87.1	89.8	91.4	92.6	93.2	93.4	93.5	93.7	93.7	93.9
≥ 900	33.8	62.4	67.3	70.4	80.7	83.7	87.6	90.6	92.3	93.6	94.2	94.3	94.5	94.6	94.7	94.8
≥ 800	33.8	62.5	67.4	70.5	80.9	84.1	88.3	91.4	93.2	94.5	95.2	95.4	95.6	95.7	95.8	96.0
≥ 700	33.8	62.5	67.5	70.6	81.1	84.4	88.8	92.0	93.9	95.4	96.0	96.2	96.4	96.6	96.6	96.8
≥ 600	33.8	62.5	67.5	70.7	81.2	84.6	89.0	92.6	94.7	96.3	96.9	97.1	97.4	97.6	97.6	97.8
≥ 500	33.8	62.5	67.5	70.7	81.3	84.7	89.2	93.1	95.3	97.0	97.7	98.0	98.2	98.5	98.5	98.7
≥ 400	33.8	62.5	67.6	70.7	81.3	84.7	89.2	93.2	95.4	97.2	98.0	98.3	98.5	98.8	98.9	99.1
≥ 300	33.8	62.5	67.6	70.7	81.3	84.7	89.2	93.3	95.7	97.6	98.5	98.7	99.1	99.4	99.4	99.7
≥ 200	33.8	62.5	67.6	70.7	81.3	84.7	89.2	93.3	95.7	97.6	98.5	98.7	99.1	99.4	99.5	99.9
≥ 100	33.8	62.5	67.6	70.7	81.3	84.7	89.2	93.3	95.7	97.6	98.5	98.7	99.1	99.4	99.5	100.0
≥ 0	33.8	62.5	67.6	70.7	81.3	84.7	89.2	93.3	95.7	97.6	98.5	98.7	99.1	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

5387

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	13.3	32.2	35.2	36.4	43.0	44.9	45.8	48.6	49.9	51.1	51.2	51.2	51.4	51.5	51.5	51.8
≥ 20000	14.2	35.0	38.8	40.0	47.0	49.2	50.5	53.7	55.0	56.2	56.4	56.4	56.5	56.6	56.6	56.9
≥ 18000	14.2	35.0	38.8	40.0	47.0	49.2	50.5	53.7	55.0	56.2	56.4	56.4	56.5	56.6	56.6	56.9
≥ 16000	14.2	35.0	38.8	40.0	47.0	49.2	50.5	53.7	55.0	56.2	56.4	56.4	56.5	56.6	56.6	56.9
≥ 14000	14.2	35.0	38.8	40.0	47.0	49.2	50.5	53.7	55.0	56.2	56.4	56.4	56.5	56.6	56.6	56.9
≥ 12000	14.2	35.0	38.8	40.0	47.0	49.2	50.5	53.8	55.1	56.4	56.5	56.5	56.6	56.8	56.8	57.0
≥ 10000	14.8	38.3	42.8	44.2	51.8	53.9	55.8	59.1	60.8	62.1	62.2	62.2	62.3	62.5	62.5	62.7
≥ 9000	15.0	39.4	44.0	45.4	53.5	55.7	57.7	61.1	63.1	64.4	64.5	64.5	64.6	64.8	64.8	65.0
≥ 8000	15.3	40.7	45.5	46.9	56.2	58.7	61.1	64.6	66.7	67.9	68.0	68.0	68.2	68.3	68.3	68.6
≥ 7000	15.3	40.7	45.5	46.9	56.2	58.7	61.1	64.6	66.7	67.9	68.0	68.0	68.2	68.3	68.3	68.6
≥ 6000	15.6	41.3	46.6	48.0	57.5	60.0	62.7	66.5	68.7	69.9	70.2	70.2	70.3	70.5	70.5	70.7
≥ 5000	17.1	44.4	50.4	51.9	61.7	64.6	67.5	71.5	74.0	75.5	75.7	75.9	76.0	76.2	76.2	76.4
≥ 4500	18.6	48.2	54.3	56.1	66.3	69.2	72.2	76.4	79.0	80.5	80.8	80.9	81.0	81.2	81.2	81.4
≥ 4000	18.8	49.6	55.7	57.6	68.2	71.1	74.3	78.7	81.4	83.5	83.7	83.9	84.0	84.1	84.1	84.4
≥ 3500	19.4	50.7	56.8	58.8	69.8	72.9	76.0	80.5	83.3	85.5	85.8	85.9	86.0	86.2	86.2	86.4
≥ 3000	19.4	51.6	57.7	59.9	71.1	74.4	77.6	82.2	85.1	87.4	87.7	87.8	87.9	88.1	88.1	88.3
≥ 2500	19.4	52.7	58.9	61.1	72.5	75.7	79.1	84.1	87.0	89.3	89.6	89.7	89.8	90.0	90.0	90.2
≥ 2000	19.5	53.1	59.5	61.8	73.3	76.7	80.1	85.5	88.3	90.7	90.9	91.1	91.2	91.3	91.3	91.6
≥ 1800	19.5	53.3	59.8	62.1	73.6	77.2	80.6	86.0	88.9	91.2	91.5	91.6	91.7	91.9	91.9	92.1
≥ 1500	19.5	53.4	60.2	62.5	74.1	78.2	81.6	87.1	90.0	92.3	92.5	92.7	92.8	93.0	93.0	93.2
≥ 1200	19.5	53.8	60.7	63.0	74.9	79.3	82.7	88.2	91.1	93.4	93.6	93.8	93.9	94.2	94.2	94.4
≥ 1000	19.5	53.8	60.7	63.0	75.2	79.5	82.9	88.5	91.3	93.6	93.9	94.0	94.2	94.4	94.4	94.7
≥ 900	19.5	53.8	60.8	63.1	75.3	79.8	83.5	89.0	91.9	94.3	94.6	94.7	94.9	95.1	95.1	95.4
≥ 800	19.5	53.8	60.8	63.1	75.3	79.8	83.7	89.4	92.3	94.7	95.3	95.4	95.5	95.8	95.8	96.1
≥ 700	19.5	53.8	60.8	63.1	75.3	80.2	84.1	89.8	92.7	95.1	95.7	95.8	96.3	96.6	96.6	96.9
≥ 600	19.5	53.8	61.0	63.3	75.5	80.4	84.3	90.0	92.8	95.3	95.9	96.1	96.6	96.9	96.9	97.2
≥ 500	19.5	53.8	61.0	63.3	75.7	80.6	84.6	90.4	93.5	95.9	96.7	97.0	97.7	98.0	98.0	98.2
≥ 400	19.5	53.8	61.0	63.3	75.7	80.8	84.8	90.7	94.0	96.7	97.6	97.8	98.5	98.8	98.8	99.1
≥ 300	19.5	53.8	61.0	63.3	75.9	80.9	85.0	90.8	94.2	96.9	97.7	98.1	98.8	99.1	99.1	99.3
≥ 200	19.5	53.8	61.0	63.3	75.9	80.9	85.0	90.8	94.2	96.9	97.7	98.1	98.8	99.2	99.2	99.9
≥ 100	19.5	53.8	61.0	63.3	75.9	80.9	85.0	90.8	94.2	96.9	97.7	98.1	98.8	99.2	99.2	100.0
≥ 0	19.5	53.8	61.0	63.3	75.9	80.9	85.0	90.8	94.2	96.9	97.7	98.1	98.8	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

738

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG

STATION NAME

68-77

YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ ⅓	≥ ⅓	≥ 0
NO CEILING	8.2	19.7	23.6	25.3	33.9	35.7	37.2	40.3	42.5	43.9	44.2	44.6	45.0	45.5	45.7	46.3
≥ 20000	8.5	21.4	25.7	27.7	36.8	38.6	40.5	44.6	47.2	48.7	49.0	49.4	49.9	50.3	50.6	51.1
≥ 18000	8.5	21.4	25.7	27.7	36.8	38.6	40.5	44.6	47.2	48.7	49.0	49.4	49.9	50.3	50.6	51.1
≥ 16000	8.5	21.4	25.7	27.7	36.8	38.6	40.5	44.6	47.2	48.7	49.0	49.4	49.9	50.3	50.6	51.1
≥ 14000	8.5	21.4	25.7	27.7	36.8	38.6	40.5	44.6	47.2	48.7	49.0	49.4	49.9	50.3	50.6	51.1
≥ 12000	8.7	21.6	26.0	28.0	37.1	38.9	40.8	44.9	47.4	49.1	49.4	49.9	50.3	50.7	51.0	51.6
≥ 10000	8.9	23.4	28.1	30.5	39.9	42.3	44.5	48.9	51.7	53.6	53.8	54.3	54.7	55.1	55.4	56.0
≥ 9000	8.9	24.9	29.7	32.1	42.2	44.7	47.0	52.1	55.3	57.1	57.4	57.8	58.2	58.7	58.9	59.5
≥ 8000	8.9	25.7	31.4	33.8	44.2	46.7	49.0	54.8	58.5	60.9	61.2	61.6	62.1	62.5	62.8	63.4
≥ 7000	8.9	25.7	31.4	33.8	44.2	46.7	49.0	54.8	58.5	60.9	61.2	61.6	62.1	62.5	62.8	63.4
≥ 6000	8.9	25.7	31.4	33.9	44.3	46.9	49.1	55.0	58.8	61.2	61.5	61.9	62.4	62.8	63.1	63.6
≥ 5000	9.7	28.0	33.9	36.8	47.6	50.1	52.7	58.7	62.8	65.8	66.2	66.6	67.0	67.6	67.9	68.5
≥ 4500	10.8	30.7	36.9	40.1	51.3	54.0	56.5	62.6	66.8	69.7	70.2	70.6	71.2	71.7	72.0	72.6
≥ 4000	10.9	33.0	39.3	43.2	54.7	57.5	60.2	66.8	71.0	74.0	74.6	75.0	75.6	76.1	76.4	77.0
≥ 3500	11.5	34.4	41.1	45.0	57.0	59.8	62.6	69.3	73.6	76.6	77.1	77.6	78.1	78.7	79.0	79.5
≥ 3000	11.9	35.2	42.0	46.2	58.2	61.1	63.9	70.6	74.9	77.8	78.6	79.0	79.5	80.1	80.4	81.0
≥ 2500	12.1	37.1	43.9	48.0	60.4	63.5	66.8	73.4	77.7	80.7	81.4	81.8	82.4	83.0	83.2	83.8
≥ 2000	12.1	37.6	45.3	49.7	62.6	65.8	69.0	75.9	80.1	83.1	83.8	84.2	84.8	85.4	85.7	86.2
≥ 1800	12.2	37.8	45.5	49.9	63.1	66.2	69.5	76.3	80.5	83.5	84.2	84.7	85.2	85.8	86.1	86.6
≥ 1500	12.2	38.1	46.2	50.6	63.9	67.0	70.7	77.7	82.0	84.9	85.7	86.1	86.6	87.2	87.5	88.1
≥ 1200	12.2	38.1	46.3	50.7	64.9	68.0	71.7	79.1	83.4	86.4	87.1	87.5	88.1	88.6	88.9	89.5
≥ 1000	12.2	38.5	46.9	51.3	65.5	68.9	72.7	80.3	84.5	87.9	88.8	89.2	89.8	90.3	90.6	91.2
≥ 900	12.2	38.6	47.0	51.4	65.6	69.0	72.9	80.4	84.8	88.4	89.2	89.6	90.2	90.8	91.1	91.6
≥ 800	12.2	38.6	47.0	51.4	65.8	69.2	73.2	80.8	85.2	88.8	89.8	90.3	90.9	91.5	91.8	92.3
≥ 700	12.2	38.6	47.0	51.4	65.9	69.3	73.3	81.1	85.5	89.3	90.5	91.1	91.8	92.5	92.8	93.3
≥ 600	12.2	38.6	47.0	51.4	65.9	69.3	73.3	81.4	85.8	89.6	90.9	91.5	92.2	92.9	93.2	93.8
≥ 500	12.2	38.6	47.0	51.4	65.9	69.3	73.4	82.0	86.5	90.5	92.0	92.6	93.3	94.0	94.3	94.9
≥ 400	12.2	38.6	47.0	51.4	66.2	69.6	74.1	82.8	87.5	91.5	93.0	93.6	94.2	95.0	95.3	95.9
≥ 300	12.2	38.6	47.0	51.4	66.2	69.6	74.1	83.0	87.6	91.6	93.3	94.2	95.2	96.0	96.3	97.2
≥ 200	12.2	38.6	47.0	51.4	66.2	69.6	74.1	83.0	87.6	91.6	93.3	94.2	95.2	96.6	96.9	98.9
≥ 100	12.2	38.6	47.0	51.4	66.2	69.6	74.1	83.0	87.6	91.6	93.3	94.2	95.3	96.6	97.0	99.9
≥ 0	12.2	38.6	47.0	51.4	66.2	69.6	74.1	83.0	87.6	91.6	93.3	94.2	95.3	96.6	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS

704

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SOESTERBERG NJ
STATION NAME

68-77
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	6.8	14.9	18.4	20.0	26.6	28.5	32.1	35.0	36.7	38.4	38.9	39.5	39.8	40.3	40.5	41.2
≥ 20000	8.3	18.6	22.9	24.9	32.0	34.2	38.8	42.0	44.2	46.5	47.1	47.7	48.0	48.5	48.7	49.5
≥ 18000	8.3	18.6	22.9	24.9	32.0	34.4	39.1	42.3	44.5	46.7	47.4	48.0	48.3	48.8	49.0	49.8
≥ 16000	8.3	18.6	22.9	24.9	32.0	34.4	39.1	42.4	44.6	46.9	47.6	48.1	48.4	49.0	49.1	49.9
≥ 14000	8.3	18.6	22.9	24.9	32.0	34.4	39.1	42.4	44.6	46.9	47.6	48.1	48.4	49.0	49.1	49.9
≥ 12000	8.3	18.8	23.1	25.0	32.1	34.5	39.2	42.6	44.8	47.0	47.7	48.3	48.5	49.1	49.2	50.1
≥ 10000	8.5	20.4	25.0	27.1	35.5	38.1	43.1	46.9	49.1	51.6	52.3	52.9	53.1	53.7	53.8	54.7
≥ 9000	8.6	20.7	25.6	27.8	36.6	39.4	44.9	48.8	51.3	54.1	55.1	55.8	56.1	56.6	56.7	57.6
≥ 8000	8.8	21.0	26.4	28.9	38.2	41.2	47.6	52.4	55.2	58.1	59.1	59.8	60.1	60.6	60.8	61.6
≥ 7000	8.8	21.0	26.4	28.9	38.2	41.2	47.6	52.4	55.2	58.1	59.1	59.8	60.1	60.6	60.8	61.6
≥ 6000	8.8	21.0	26.6	29.1	38.4	41.3	47.7	52.6	55.4	58.3	59.4	60.1	60.4	60.9	61.1	61.9
≥ 5000	8.9	22.8	28.4	30.9	41.2	44.2	50.9	56.1	59.0	62.2	63.3	64.0	64.3	64.8	65.0	65.8
≥ 4500	8.9	23.8	29.6	32.1	43.1	46.5	53.3	58.7	61.8	65.2	66.3	67.0	67.3	67.9	68.0	68.8
≥ 4000	9.7	25.9	31.8	34.5	46.2	49.5	56.5	62.2	65.5	69.3	70.5	71.2	71.5	72.0	72.2	73.0
≥ 3500	10.0	27.4	33.5	36.4	48.4	52.2	59.2	65.2	68.6	72.5	73.7	74.4	74.7	75.2	75.4	76.2
≥ 3000	11.1	28.9	35.0	38.1	50.5	54.5	61.6	67.6	71.2	75.1	76.4	77.1	77.3	77.9	78.0	78.9
≥ 2500	11.8	30.0	36.3	39.4	52.0	56.1	63.1	69.1	72.9	76.8	78.0	78.9	79.1	79.7	79.8	80.7
≥ 2000	12.0	31.2	37.6	40.8	53.8	58.0	65.2	71.2	75.0	78.9	80.3	81.1	81.4	81.9	82.1	82.9
≥ 1800	12.0	31.2	37.6	41.0	54.5	58.7	66.1	72.0	75.8	79.7	81.1	81.9	82.2	82.8	82.9	83.7
≥ 1500	12.0	31.6	38.2	41.7	55.2	59.4	66.8	72.7	76.8	80.8	82.3	83.2	83.4	84.1	84.3	85.1
≥ 1200	12.0	31.7	38.7	42.1	56.3	60.6	68.3	74.7	78.7	82.8	84.3	85.1	85.5	86.2	86.4	87.2
≥ 1000	12.0	31.7	38.7	42.1	57.2	61.6	69.5	76.1	80.1	84.3	85.8	86.6	87.1	87.8	87.9	88.7
≥ 900	12.0	31.7	38.7	42.1	57.3	61.9	70.0	76.6	80.8	85.1	86.6	87.5	87.9	88.6	88.7	89.6
≥ 800	12.1	32.0	38.9	42.6	57.9	62.7	70.9	77.9	82.1	86.8	88.3	89.2	89.6	90.3	90.4	91.2
≥ 700	12.1	32.0	38.9	42.6	58.3	63.1	71.8	79.3	83.7	89.0	90.5	91.4	91.9	92.6	92.8	93.6
≥ 600	12.1	32.0	38.9	42.6	58.3	63.1	71.9	79.7	84.6	90.1	91.8	92.6	93.2	93.9	94.0	94.9
≥ 500	12.1	32.0	39.1	42.7	58.4	63.4	72.2	80.3	85.1	90.8	92.5	93.3	94.0	94.7	94.9	95.7
≥ 400	12.1	32.1	39.2	42.8	58.6	63.6	72.3	80.4	85.5	91.4	93.5	94.3	95.0	96.0	96.1	96.9
≥ 300	12.1	32.1	39.2	42.8	58.6	63.6	72.3	80.4	85.5	91.8	93.9	95.0	95.7	96.8	96.9	97.8
≥ 200	12.1	32.1	39.2	42.8	58.6	63.6	72.3	80.4	85.5	91.8	93.9	95.0	95.7	96.9	97.1	98.3
≥ 100	12.1	32.1	39.2	42.8	58.6	63.6	72.3	80.4	85.5	91.8	93.9	95.0	95.7	96.9	97.1	99.6
≥ 0	12.1	32.1	39.2	42.8	58.6	63.6	72.3	80.4	85.5	91.8	93.9	95.0	95.7	96.9	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS

719

3
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SOESTERBERG HI

8-77

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	12.4	29.3	31.3	33.5	37.9	39.1	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	14.5	36.2	39.4	41.9	47.9	50.2	52.4	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 18000	14.5	36.2	39.4	41.9	47.9	50.4	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 16000	14.5	36.2	39.4	41.9	47.9	50.4	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 14000	14.6	36.3	39.5	42.0	48.2	50.8	53.0	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 12000	14.6	36.3	39.5	42.0	48.2	50.8	53.0	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 10000	15.5	38.1	41.9	44.7	51.1	53.7	57.0	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 9000	15.8	38.4	42.9	45.7	52.7	55.3	58.7	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 8000	16.4	39.2	43.8	46.7	54.5	57.1	60.8	61.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 7000	16.4	39.2	43.8	46.7	54.5	57.2	60.9	61.6	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 6000	17.0	40.1	44.7	47.9	55.8	58.4	62.4	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 5000	17.4	41.6	46.4	49.8	58.4	61.2	65.4	66.3	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 4500	17.6	42.2	47.0	50.4	59.0	61.9	66.2	67.1	67.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 4000	19.0	44.5	49.6	53.0	61.5		69.3	70.3	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 3500	20.1	45.5	50.8	54.3	63.3		71.0	72.2	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 3000	20.8	47.1	52.4	56.1	65.0	68.7	73.1	74.2	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 2500	21.8	49.6	55.1	59.2	68.7	72.3	77.2	78.6	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 2000	23.1	53.3	58.7	62.8	72.9	76.6	81.6	83.3	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 1800	23.6	54.5	59.9	64.4	74.8	78.6	83.7	85.7	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1500	23.9	55.3	60.8	65.6	77.2	81.0	86.2	88.3	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1200	24.2	56.2	61.6	66.5	78.9	82.7	89.2	91.4	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1000	24.2	56.5	61.9	66.9	79.6	83.5	89.9	92.1	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 900	24.3	56.8	62.2	67.3	80.1	84.0	90.6	92.8	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 800	24.3	56.8	62.2	67.3	80.2	84.5	91.7	93.9	94.9	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 700	24.3	56.8	62.2	67.3	80.2	84.5	91.9	94.7	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 600	24.3	56.8	62.2	67.3	80.2	84.5	91.9	95.6	96.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IV 500	24.3	56.8	62.2	67.3	80.2	84.5	91.9	95.8	97.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	24.3	56.8	62.2	67.3	80.2	84.5	92.1	95.9	97.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	24.3	56.8	62.2	67.3	80.2	84.5	92.1	95.9	97.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1
IV 200	24.3	56.8	62.2	67.3	80.2	84.5	92.1	95.9	97.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1
IV 100	24.3	56.8	62.2	67.3	80.2	84.5	92.1	95.9	97.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1
IV 0	24.3	56.8	62.2	67.3	80.2	84.5	92.1	95.9	97.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

683

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NL

8-77

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4/16	≥0
NO CEILING	20.4	33.2	34.8	36.7	37.8	38.3	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	24.2	43.1	45.4	48.1	50.4	51.0	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 18000	24.2	43.1	45.4	48.1	50.4	51.0	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 16000	24.2	43.1	45.4	48.1	50.4	51.0	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 14000	24.8	43.8	46.3	49.0	51.3	51.9	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 12000	24.9	44.2	46.8	49.4	51.8	52.4	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 10000	26.1	46.5	49.6	52.5	54.9	55.5	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 9000	26.5	48.1	51.6	54.9	57.5	58.4	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 8000	26.8	49.3	52.9	56.2	59.4	60.3	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 7000	27.0	49.4	53.1	56.3	59.6	60.5	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 6000	27.1	50.0	53.7	56.9	60.2	61.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 5000	28.0	52.4	56.2	59.6	63.1	64.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 4500	29.2	54.4	58.4	61.8	65.5	66.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 4000	30.4	56.6	60.9	64.3	68.4	69.8	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 3500	32.0	59.9	64.3	67.8	72.6	74.0	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3000	34.5	63.6	68.4	72.0	77.0	78.5	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 2500	37.0	67.6	72.7	76.3	81.6	83.2	85.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2000	38.9	71.2	76.5	80.2	86.0	87.9	90.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800	39.2	72.3	77.6	81.3	87.0	88.9	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1500	39.2	72.4	77.9	81.6	87.6	89.7	92.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1200	39.2	72.9	78.6	82.4	88.9	91.3	94.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	39.2	72.9	78.6	82.4	89.1	91.6	95.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 900	39.2	72.9	78.6	82.4	89.1	91.6	95.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	39.2	72.9	78.6	82.4	89.1	91.6	95.7	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	39.2	72.9	78.6	82.4	89.1	91.6	96.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	39.2	72.9	78.6	82.4	89.1	91.7	96.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	39.2	72.9	78.6	82.4	89.1	91.7	96.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	39.2	72.9	78.6	82.4	89.1	91.7	96.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	39.2	72.9	78.6	82.4	89.1	91.7	96.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	39.2	72.9	78.6	82.4	89.1	91.7	96.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	39.2	72.9	78.6	82.4	89.1	91.7	96.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	39.2	72.9	78.6	82.4	89.1	91.7	96.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

678

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

STATION NAME

6-8-77

YEARS

ANG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	25.2	38.2	39.4	40.2	41.1	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	33.8	51.7	53.9	55.0	56.7	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	33.8	51.9	54.0	55.1	57.0	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	33.8	51.9	54.0	55.1	57.0	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000	33.8	52.0	54.2	55.3	57.3	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	34.1	52.8	55.1	56.2	58.7	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 10000	34.7	55.8	58.9	60.3	63.1	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 9000	34.9	57.5	60.7	62.5	65.4	66.4	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	35.2	59.0	62.3	64.3	67.9	69.0	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	35.7	59.5	62.8	65.1	68.7	69.8	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	36.0	60.1	63.4	65.7	69.3	70.4	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	37.1	62.6	66.7	69.3	73.4	74.5	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	38.5	64.5	68.5	71.2	75.2	76.3	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	40.2	68.1	72.7	75.9	80.2	81.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	41.6	70.9	75.7	78.8	83.6	84.9	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	43.3	73.2	78.3	81.5	86.6	87.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	44.1	74.5	79.6	82.9	88.3	89.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	44.9	75.7	81.0	84.4	90.3	91.7	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	44.9	75.7	81.2	84.6	90.7	92.1	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	45.0	75.9	81.3	84.7	91.0	92.4	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	45.0	76.0	81.8	85.2	91.4	92.8	95.5	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	45.0	76.0	81.8	85.2	91.4	93.0	95.8	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	45.0	76.0	81.8	85.2	91.6	93.1	96.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	45.0	76.0	81.8	85.2	91.6	93.3	96.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	45.0	76.0	81.8	85.2	91.6	93.3	96.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	45.0	76.0	81.8	85.2	91.6	93.5	97.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	45.0	76.0	81.8	85.2	91.6	93.5	97.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	45.0	76.0	81.8	85.2	91.6	93.5	97.2	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	45.0	76.0	81.8	85.2	91.6	93.5	97.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	45.0	76.0	81.8	85.2	91.6	93.5	97.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.0	76.0	81.8	85.2	91.6	93.5	97.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	45.0	76.0	81.8	85.2	91.6	93.5	97.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

642

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS 1-51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	23.9	38.1	39.4	40.3	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	32.8	51.9	53.8	55.4	58.8	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	32.8	51.9	53.8	55.4	58.8	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	32.8	51.9	53.8	55.4	58.8	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	33.1	52.4	54.4	55.9	59.5	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	33.2	53.4	55.6	57.4	61.3	61.8	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	34.4	57.0	60.1	62.6	67.5	68.4	69.1	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	35.5	58.8	62.4	65.0	70.2	71.5	72.5	72.6	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	36.4	60.5	64.1	66.8	72.5	74.3	75.2	75.5	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	36.6	60.6	64.3	66.9	72.6	74.5	75.5	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	36.6	61.5	65.1	67.7	73.7	75.7	76.6	76.9	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	38.2	65.0	69.0	71.9	78.2	80.1	81.5	81.9	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	39.2	66.9	71.2	74.3	81.4	83.3	85.1	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	39.9	67.9	72.3	75.8	82.9	84.8	86.8	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	40.6	69.5	74.1	77.9	85.1	87.1	89.0	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	41.0	70.5	75.2	79.1	86.4	88.3	90.3	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	41.3	70.8	75.7	79.6	87.2	89.3	91.2	92.2	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	41.4	71.1	75.9	80.0	87.8	90.0	92.2	93.5	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	41.4	71.3	76.2	80.3	88.2	90.5	92.8	94.0	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	41.4	71.6	76.5	80.7	88.7	91.1	93.3	94.6	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	41.6	72.2	77.1	81.2	89.4	91.8	94.2	95.4	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	41.6	72.2	77.1	81.2	89.4	91.8	94.2	95.8	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	41.6	72.2	77.1	81.2	89.6	91.9	94.4	96.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	41.6	72.2	77.1	81.2	89.6	91.9	94.6	96.2	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	41.6	72.3	77.2	81.4	89.7	92.2	95.1	96.8	97.9	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	41.6	72.3	77.2	81.4	89.7	92.2	95.1	97.1	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	41.6	72.3	77.2	81.4	89.7	92.4	95.4	97.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	41.6	72.3	77.2	81.4	89.7	92.4	95.4	97.9	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	41.6	72.3	77.2	81.4	89.7	92.4	95.4	97.9	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	41.6	72.3	77.2	81.4	89.7	92.4	95.4	97.9	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	41.6	72.3	77.2	81.4	89.7	92.4	95.4	97.9	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	41.6	72.3	77.2	81.4	89.7	92.4	95.4	97.9	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

719

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

68-77

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	18.2	36.6	39.7	41.9	45.2	45.7	46.4	46.6	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	22.1	44.2	47.7	50.2	54.8	55.5	56.2	56.5	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	22.1	44.2	47.7	50.2	54.8	55.5	56.2	56.5	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	22.1	44.2	47.7	50.2	54.8	55.5	56.2	56.5	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	22.3	44.4	47.9	50.4	54.9	55.6	56.4	56.7	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 12000	22.3	44.4	47.9	50.4	55.2	55.9	56.7	57.0	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	22.8	46.1	49.9	53.0	58.9	59.7	60.6	61.2	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 9000	23.3	47.7	51.7	54.8	61.3	62.5	63.4	64.0	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	24.3	49.6	53.9	57.5	64.7	66.3	67.5	68.5	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 7000	24.3	49.6	53.9	57.5	64.7	66.3	67.5	68.5	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	25.0	50.5	54.8	58.4	65.6	67.3	69.0	70.0	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	26.4	55.3	60.0	63.7	71.4	73.2	75.0	76.3	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500	27.2	57.1	61.6	65.6	73.9	76.1	77.9	79.2	80.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	27.8	59.0	63.7	67.5	76.4	78.6	80.7	82.1	83.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	28.0	60.2	64.9	68.8	78.3	80.5	82.9	84.5	85.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	28.0	60.3	65.2	69.1	79.2	81.4	83.7	85.4	86.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	28.6	61.6	66.8	71.0	81.4	83.7	86.5	88.1	89.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	28.6	61.9	67.2	71.6	82.4	84.9	87.8	89.9	91.5	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	28.6	62.2	67.5	71.9	82.9	85.4	88.3	90.5	92.1	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	28.6	62.4	67.6	72.0	83.2	85.7	88.7	90.9	92.5	94.0	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	28.6	62.8	68.2	72.6	84.0	86.7	89.9	92.1	93.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	28.6	63.0	68.4	72.8	84.5	87.1	90.8	93.0	94.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	28.6	63.0	68.4	72.8	84.5	87.1	90.9	93.1	94.9	96.3	96.6	96.6	96.9	96.9	96.9	96.9
≥ 800	28.6	63.0	68.4	72.8	84.6	87.3	91.1	93.4	95.2	96.6	96.9	96.9	97.4	97.4	97.4	97.4
≥ 700	28.6	63.0	68.4	72.8	84.6	87.3	91.2	94.0	95.8	97.2	97.5	97.5	98.0	98.0	98.0	98.0
≥ 600	28.6	63.0	68.4	72.8	84.6	87.3	91.4	94.3	96.0	97.5	97.8	97.8	98.2	98.2	98.2	98.2
≥ 500	28.6	63.0	68.4	72.9	84.8	87.4	91.8	95.0	96.8	98.2	98.5	98.5	99.0	99.0	99.0	99.0
≥ 400	28.6	63.0	68.4	72.9	84.8	87.4	91.9	95.3	97.2	98.7	99.3	99.3	99.7	99.7	99.7	99.7
≥ 300	28.6	63.0	68.4	72.9	84.8	87.4	91.9	95.3	97.4	98.8	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	28.6	63.0	68.4	72.9	84.8	87.4	91.9	95.3	97.4	98.8	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	28.6	63.0	68.4	72.9	84.8	87.4	91.9	95.3	97.4	98.8	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0	28.6	63.0	68.4	72.9	84.8	87.4	91.9	95.3	97.4	98.8	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

683

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SDESTERBERG NL

68-77

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.9	30.1	32.6	34.2	38.4	39.5	40.7	41.9	42.6	43.2	43.3	43.4	43.5	43.7	43.7	43.9
≥ 20000	19.6	37.5	40.7	42.7	47.9	49.3	50.7	52.2	53.0	53.7	53.9	54.0	54.1	54.2	54.3	54.5
≥ 18000	19.6	37.5	40.8	42.7	47.9	49.4	50.8	52.3	53.1	53.8	54.0	54.1	54.2	54.3	54.4	54.6
≥ 16000	19.6	37.5	40.8	42.7	47.9	49.4	50.8	52.3	53.1	53.8	54.0	54.1	54.2	54.3	54.4	54.6
≥ 14000	19.8	37.8	41.0	42.9	48.2	49.7	51.1	52.6	53.4	54.1	54.3	54.4	54.5	54.7	54.7	54.9
≥ 12000	19.9	38.1	41.4	43.3	48.3	50.2	51.7	53.2	54.0	54.7	54.9	55.0	55.1	55.3	55.3	55.5
≥ 10000	20.5	40.5	44.3	46.6	52.7	54.3	56.2	57.8	58.8	59.6	59.7	59.8	60.0	60.1	60.2	60.4
≥ 8000	20.9	41.7	45.9	48.3	54.8	56.6	58.6	60.4	61.6	62.4	62.6	62.8	62.9	63.0	63.1	63.3
≥ 6000	21.3	42.9	47.3	49.9	57.0	59.1	61.4	63.5	64.8	65.8	65.9	66.1	66.2	66.3	66.4	66.6
≥ 5000	21.4	43.0	47.4	50.0	57.2	59.2	61.6	63.7	65.0	65.9	66.1	66.2	66.3	66.5	66.5	66.8
≥ 4500	21.7	43.5	48.0	50.7	57.9	60.0	62.5	64.7	66.0	66.9	67.1	67.3	67.4	67.5	67.6	67.8
≥ 4000	22.6	46.3	51.1	54.0	61.7	63.9	66.6	69.0	70.4	71.5	71.8	71.9	72.0	72.2	72.3	72.5
≥ 3500	23.5	48.2	53.3	56.2	64.3	66.7	69.6	72.0	73.5	74.8	75.0	75.2	75.3	75.5	75.5	75.7
≥ 3000	24.4	50.3	55.5	58.7	67.2	69.6	72.7	75.4	77.0	78.4	78.6	78.8	78.9	79.1	79.1	79.3
≥ 2500	25.2	52.0	57.4	60.7	69.6	72.1	75.4	78.1	79.8	81.2	81.5	81.6	81.7	81.9	82.0	82.2
≥ 2000	26.0	53.5	59.0	62.5	71.5	74.1	77.5	80.2	81.9	83.4	83.7	83.8	84.0	84.1	84.2	84.4
≥ 1800	26.7	55.2	60.8	64.4	73.8	76.5	80.0	82.9	84.6	86.1	86.4	86.6	86.7	86.9	86.9	87.1
≥ 1600	27.3	56.6	62.4	66.1	75.9	78.7	82.4	85.5	87.3	88.7	89.1	89.2	89.4	89.5	89.6	89.8
≥ 1400	27.4	56.9	62.8	66.6	76.6	79.5	83.2	86.4	88.2	89.6	89.9	90.1	90.2	90.4	90.5	90.7
≥ 1200	27.4	57.2	63.3	67.1	77.3	80.3	84.2	87.5	89.3	90.8	91.2	91.3	91.5	91.6	91.7	91.9
≥ 1000	27.5	57.6	63.8	67.6	78.4	81.4	85.5	89.0	90.9	92.3	92.7	92.9	93.0	93.2	93.3	93.5
≥ 900	27.5	57.7	63.9	67.8	78.7	81.9	86.2	89.8	91.6	93.2	93.6	93.8	94.0	94.2	94.2	94.4
≥ 800	27.5	57.8	64.0	67.9	78.9	82.1	86.5	90.1	92.0	93.7	94.1	94.3	94.4	94.6	94.7	94.9
≥ 700	27.5	57.8	64.0	67.9	79.0	82.3	86.9	90.7	92.7	94.4	94.9	95.1	95.3	95.5	95.5	95.7
≥ 600	27.5	57.8	64.0	67.9	79.1	82.5	87.3	91.3	93.3	95.2	95.7	95.9	96.2	96.4	96.4	96.7
≥ 500	27.5	57.8	64.1	68.0	79.1	82.5	87.5	91.8	93.9	95.8	96.4	96.6	96.9	97.1	97.1	97.4
≥ 400	27.5	57.8	64.1	68.0	79.2	82.6	87.7	92.3	94.4	96.5	97.1	97.3	97.6	97.8	97.9	98.1
≥ 300	27.5	57.9	64.1	68.0	79.2	82.7	87.9	92.5	94.8	97.0	97.7	97.9	98.2	98.5	98.5	98.8
≥ 200	27.5	57.9	64.1	68.0	79.2	82.7	87.9	92.6	94.9	97.1	97.9	98.2	98.6	99.0	99.1	99.6
≥ 100	27.5	57.9	64.1	68.0	79.2	82.7	87.9	92.6	94.9	97.1	97.9	98.2	98.6	99.0	99.1	99.9
≥ 0	27.5	57.9	64.1	68.0	79.2	82.7	87.9	92.6	94.9	97.1	97.9	98.2	98.6	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

5566

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SOESTERBERG NJ

58-77

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	11.5	22.0	23.2	24.8	28.8	30.1	31.9	36.4	39.6	41.4	42.8	42.9	43.5	44.5	44.8	46.2
≥ 20000	11.7	23.6	25.2	27.0	31.9	33.8	36.1	40.6	44.1	46.2	47.7	48.0	48.5	49.5	49.8	51.2
≥ 18000	11.7	23.6	25.2	27.0	31.9	33.8	36.1	40.6	44.1	46.2	47.7	48.0	48.5	49.5	49.8	51.2
≥ 16000	11.7	23.6	25.2	27.0	31.9	33.8	36.1	40.6	44.1	46.2	47.7	48.0	48.5	49.5	49.8	51.2
≥ 14000	11.7	23.6	25.2	27.0	31.9	33.8	36.1	40.6	44.1	46.2	47.7	48.0	48.8	49.8	50.1	51.5
≥ 12000	11.9	23.9	25.5	27.3	32.3	34.3	36.5	41.0	44.5	46.6	48.1	48.4	49.2	50.2	50.5	51.9
≥ 10000	12.0	24.3	26.0	28.0	33.6	36.2	39.2	43.8	47.3	49.5	51.0	51.3	52.2	53.1	53.4	54.8
≥ 9000	12.2	25.2	26.9	29.0	35.4	38.5	41.5	46.4	50.2	52.7	54.5	54.8	55.7	56.6	56.9	58.3
≥ 8000	12.4	25.9	27.6	29.7	36.9	40.4	43.9	49.0	52.7	55.2	57.1	57.3	58.2	59.2	59.4	60.8
≥ 7000	12.4	25.9	27.6	29.7	36.9	40.4	44.1	49.1	52.9	55.4	57.2	57.5	58.3	59.3	59.6	61.0
≥ 6000	12.7	26.2	28.0	30.1	37.5	41.0	44.6	49.7	53.4	55.9	57.8	58.0	58.9	59.9	60.1	61.5
≥ 5000	14.1	29.0	30.9	33.3	41.7	45.6	49.4	55.7	60.0	62.5	64.3	64.6	65.5	66.4	66.7	68.1
≥ 4500	16.2	31.7	33.7	36.1	44.6	48.7	52.6	59.0	63.4	65.9	67.7	68.0	68.8	69.8	70.1	71.5
≥ 4000	17.6	34.8	37.1	40.0	49.5	53.6	57.8	64.9	69.4	71.9	73.7	74.0	74.8	75.8	76.1	77.5
≥ 3500	18.2	36.4	39.2	42.1	52.2	56.4	60.7	68.1	72.6	75.1	76.9	77.2	78.0	79.0	79.3	80.7
≥ 3000	19.6	39.2	42.2	45.2	55.2	59.4	63.9	71.5	76.1	78.6	80.4	80.7	81.5	82.5	82.8	84.2
≥ 2500	20.1	40.1	43.4	46.4	56.9	61.3	65.9	73.4	78.0	80.7	82.5	82.8	83.6	84.6	84.9	86.3
≥ 2000	20.3	40.7	44.3	48.1	58.7	63.2	67.8	75.4	80.1	82.9	84.8	85.0	85.9	86.9	87.1	88.5
≥ 1800	20.3	40.8	44.5	48.3	59.0	63.6	68.3	75.8	80.6	83.4	85.2	85.5	86.3	87.3	87.6	89.0
≥ 1500	20.3	41.4	45.0	48.8	60.0	64.6	69.2	76.8	81.7	84.5	86.3	86.6	87.4	88.4	88.7	90.1
≥ 1200	20.3	41.8	45.5	49.5	60.8	65.6	70.3	78.2	83.1	86.2	88.1	88.4	89.2	90.2	90.5	91.9
≥ 1000	20.3	42.1	45.7	49.9	61.5	66.4	71.3	79.3	84.3	87.7	89.7	89.9	90.8	91.7	92.0	93.4
≥ 900	20.3	42.8	47.1	51.5	63.6	68.7	73.6	81.5	86.6	89.9	91.9	92.2	93.0	94.0	94.3	95.7
≥ 800	20.3	42.9	47.6	51.9	64.2	69.2	74.7	82.7	87.7	91.0	93.0	93.3	94.1	95.1	95.4	96.8
≥ 700	20.3	42.9	47.6	51.9	64.5	69.5	75.0	83.2	88.3	91.7	93.7	94.0	94.8	95.8	96.1	97.5
≥ 600	20.3	42.9	47.6	51.9	64.6	69.7	75.1	83.5	88.5	92.3	94.3	94.5	95.4	96.4	96.6	98.0
≥ 500	20.3	42.9	47.6	51.9	64.6	69.7	75.1	83.5	88.5	92.4	94.4	94.7	95.5	96.5	96.8	98.2
≥ 400	20.3	42.9	47.6	51.9	64.8	69.8	75.2	83.8	88.8	92.7	94.7	95.1	95.9	96.9	97.2	98.6
≥ 300	20.3	42.9	47.6	51.9	64.8	69.8	75.2	83.8	89.1	93.0	95.0	95.4	96.5	97.5	97.8	99.2
≥ 200	20.3	42.9	47.6	51.9	64.8	69.8	75.2	83.8	89.2	93.1	95.2	95.7	96.8	97.8	98.0	99.4
≥ 100	20.3	42.9	47.6	51.9	64.8	69.8	75.2	83.8	89.2	93.1	95.2	95.7	96.8	97.8	98.0	99.7
≥ 0	20.3	42.9	47.6	51.9	64.8	69.8	75.2	83.8	89.2	93.1	95.2	95.7	96.8	97.8	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

715

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SJESTERBERG NL
STATION NAME

68-77
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	7.6	16.1	16.8	18.5	23.1	23.2	24.6	29.1	32.2	35.7	36.4	37.3	39.0	39.9	40.7	42.3
≥ 20000	8.3	18.4	19.3	21.4	26.9	27.2	28.5	33.4	36.4	40.1	41.0	41.9	43.7	44.6	45.4	47.0
≥ 18000	8.3	18.4	19.3	21.4	26.9	27.2	28.5	33.4	36.4	40.1	41.0	41.9	43.7	44.6	45.4	47.0
≥ 16000	8.3	18.4	19.3	21.4	26.9	27.2	28.5	33.4	36.4	40.1	41.0	41.9	43.7	44.6	45.4	47.0
≥ 14000	8.3	18.4	19.3	21.4	26.9	27.2	28.5	33.4	36.4	40.1	41.0	41.9	43.7	44.6	45.4	47.0
≥ 12000	8.3	18.5	19.4	21.5	27.2	27.5	28.8	34.0	37.0	40.7	41.6	42.5	44.3	45.2	46.0	47.6
≥ 10000	8.5	19.4	20.6	22.8	28.8	29.3	30.8	36.7	39.8	43.4	44.3	45.2	47.0	48.0	48.7	50.4
≥ 9000	9.0	20.0	21.2	23.4	30.3	31.0	32.8	38.7	41.9	46.0	46.9	47.8	49.8	50.8	51.6	53.3
≥ 8000	9.0	20.5	21.7	23.8	31.0	31.9	33.8	40.1	43.2	47.3	48.3	49.2	51.1	52.2	53.0	54.6
≥ 7000	9.0	20.5	21.7	23.8	31.1	32.0	34.0	40.2	43.4	47.5	48.4	49.3	51.3	52.4	53.1	54.8
≥ 6000	9.1	20.9	22.2	24.3	31.9	32.8	34.7	41.0	44.2	48.7	49.6	50.5	52.5	53.6	54.3	56.0
≥ 5000	9.9	23.4	24.9	27.0	34.6	36.0	38.5	45.7	49.5	54.3	55.4	56.3	58.4	59.5	60.2	61.9
≥ 4500	12.0	27.3	29.3	31.9	40.4	41.7	44.3	51.7	55.5	60.4	61.5	62.4	64.5	65.6	66.3	68.0
≥ 4000	12.7	29.0	31.9	34.4	43.7	45.4	48.0	55.7	59.6	64.5	65.7	66.6	68.7	69.8	70.6	72.2
≥ 3500	13.2	31.1	34.3	37.0	46.9	48.7	51.6	59.3	63.3	68.6	69.8	70.7	72.8	73.9	74.7	76.3
≥ 3000	14.0	32.0	35.4	38.1	48.4	50.2	53.1	61.0	65.1	70.4	71.9	72.8	75.0	76.0	76.8	78.6
≥ 2500	14.6	33.2	36.6	39.6	50.4	52.2	55.1	63.1	67.2	72.5	74.1	75.0	77.1	78.1	78.9	80.7
≥ 2000	14.9	34.0	37.9	41.0	53.3	55.1	58.0	66.0	70.4	75.9	77.4	78.3	80.4	81.5	82.2	84.1
≥ 1800	15.2	34.6	38.5	41.7	54.0	55.8	59.2	67.2	71.9	77.4	78.9	79.8	81.9	83.0	83.8	85.6
≥ 1500	15.5	35.1	39.0	42.3	55.5	57.5	60.8	68.9	73.6	79.1	80.6	81.5	83.6	84.7	85.4	87.3
≥ 1200	15.5	35.2	39.3	43.1	56.8	58.7	62.4	70.9	75.7	81.2	82.7	83.6	85.7	86.8	87.6	89.4
≥ 1000	15.5	35.4	39.8	43.6	58.0	60.4	64.3	73.0	77.8	83.5	85.0	85.9	88.0	89.1	89.8	91.7
≥ 900	15.5	35.7	40.1	43.9	58.6	61.0	65.4	74.1	78.9	84.5	86.0	86.9	89.1	90.1	90.9	92.7
≥ 800	15.5	35.7	40.2	44.2	59.2	61.8	66.2	75.0	79.8	85.6	87.1	88.0	90.1	91.2	92.0	93.6
≥ 700	15.5	36.1	40.8	44.8	60.2	63.1	67.8	76.8	81.6	87.6	89.2	90.1	92.3	93.3	94.1	95.9
≥ 600	15.5	36.3	41.0	44.9	60.5	63.6	68.3	77.2	82.2	88.3	90.1	91.2	93.3	94.4	95.1	97.0
≥ 500	15.5	36.3	41.0	44.9	60.5	63.6	68.3	77.2	82.2	88.5	90.3	91.4	93.6	94.7	95.4	97.3
≥ 400	15.5	36.3	41.0	44.9	60.5	63.6	68.3	77.2	82.4	88.6	90.4	91.7	93.9	95.0	95.8	97.6
≥ 300	15.5	36.3	41.0	44.9	60.5	63.6	68.3	77.2	82.4	88.6	90.4	92.1	94.5	95.6	96.4	98.3
≥ 200	15.5	36.3	41.0	44.9	60.5	63.6	68.3	77.2	82.4	88.6	90.4	92.1	94.5	95.9	96.7	98.6
≥ 100	15.5	36.3	41.0	44.9	60.5	63.6	68.3	77.2	82.4	88.6	90.4	92.1	94.7	96.1	96.8	99.7
≥ 0	15.5	36.3	41.0	44.9	60.5	63.6	68.3	77.2	82.4	88.6	90.4	92.1	94.7	96.1	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS

659

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SOESTERBERG NJ

STATION NAME

58-77

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.1	11.3	13.0	14.1	16.2	17.5	20.2	23.7	25.5	27.0	27.9	29.1	30.4	31.5	32.5	34.3
≥ 20000	8.1	14.3	16.2	17.7	20.9	22.4	25.6	30.1	32.3	34.3	35.4	36.8	38.4	39.8	40.8	42.6
≥ 18000	8.1	14.3	16.2	17.7	20.9	22.4	25.6	30.1	32.3	34.3	35.4	36.8	38.4	39.8	40.8	42.6
≥ 16000	8.1	14.3	16.2	17.7	20.9	22.4	25.6	30.1	32.3	34.3	35.4	36.8	38.4	39.8	40.8	42.6
≥ 14000	8.1	14.3	16.2	17.7	20.9	22.4	25.6	30.1	32.3	34.3	35.4	36.8	38.4	39.8	40.8	42.6
≥ 12000	8.4	14.8	16.6	18.1	21.3	22.8	26.0	30.5	32.7	34.8	35.9	37.3	39.0	40.4	41.4	42.2
≥ 10000	9	17.0	18.8	20.5	24.8	26.6	29.9	35.4	38.0	40.8	42.1	43.5	45.3	46.8	47.8	49.6
≥ 9000	9	18.1	20.3	22.3	27.0	28.8	32.3	38.2	40.8	44.6	46.0	47.4	49.2	50.7	51.7	53.5
≥ 8000	9.7	18.5	20.9	23.1	28.3	30.1	33.6	39.4	42.1	45.8	47.2	48.6	50.4	51.9	52.9	54.7
≥ 7000	10.0	18.7	21.0	23.3	28.4	30.2	33.7	39.6	42.2	46.0	47.4	48.7	50.6	52.1	53.1	54.9
≥ 6000	10.0	18.7	21.0	23.3	28.4	30.2	33.7	39.7	42.5	46.4	47.9	49.3	51.1	52.6	53.6	55.4
≥ 5000	10.6	20.5	22.8	25.1	31.1	33.0	36.5	43.0	46.5	50.8	52.4	53.8	55.8	57.5	58.5	60.3
≥ 4500	12.0	23.5	26.3	29.0	35.4	37.3	41.1	47.8	51.3	55.8	57.4	58.9	61.1	63.0	63.9	65.7
≥ 4000	13.9	26.7	29.8	32.6	39.3	41.6	45.8	52.9	56.7	61.4	63.0	64.5	66.7	68.5	69.5	71.3
≥ 3500	14.8	27.9	31.1	34.0	41.4	44.0	48.3	55.7	59.6	64.6	66.4	68.1	70.3	72.1	73.3	75.1
≥ 3000	15.3	28.7	32.0	35.0	42.9	45.7	50.1	57.5	61.7	66.7	68.5	70.2	72.4	74.4	75.5	77.3
≥ 2500	15.7	29.5	32.9	36.1	44.4	47.4	51.8	59.3	63.5	68.5	70.3	72.1	74.4	76.3	77.6	79.4
≥ 2000	16.0	30.6	34.0	37.2	46.4	49.3	53.9	61.6	65.7	71.0	73.0	74.8	77.0	79.0	80.2	82.0
≥ 1800	16.3	31.5	35.0	38.2	47.6	50.6	55.3	63.1	67.4	72.8	74.8	76.6	78.8	80.8	82.0	83.8
≥ 1500	16.4	31.8	35.5	38.7	48.5	51.7	56.7	64.6	68.9	74.5	76.5	78.3	80.5	82.5	83.7	85.5
≥ 1200	16.4	31.9	35.7	39.0	48.9	52.2	57.4	65.6	70.1	75.6	77.6	79.4	81.6	83.6	84.8	86.6
≥ 1000	16.4	31.9	35.7	39.0	49.2	52.5	57.8	66.2	70.6	76.2	78.1	79.9	82.2	84.1	85.4	87.2
≥ 900	16.4	31.9	35.7	39.0	49.2	52.6	58.1	66.6	71.4	77.2	79.1	81.1	83.3	85.2	86.5	88.3
≥ 800	16.4	31.9	35.7	39.0	49.6	53.3	58.2	68.0	73.0	78.7	80.6	82.6	84.8	86.9	88.2	90.0
≥ 700	16.4	32.0	35.8	39.3	50.4	54.6	60.6	69.5	74.7	81.1	83.0	85.0	87.2	89.3	90.5	92.3
≥ 600	16.4	32.0	35.8	39.4	50.6	54.7	60.9	69.8	75.1	81.5	83.7	85.8	88.3	90.5	91.8	93.7
≥ 500	16.4	32.0	35.8	39.4	50.6	54.7	60.9	69.8	75.2	81.8	84.1	86.4	88.9	91.2	92.5	94.4
≥ 400	16.4	32.0	35.8	39.4	50.6	54.7	60.9	69.8	75.2	81.9	84.3	86.5	89.3	91.6	92.9	94.8
≥ 300	16.4	32.0	35.8	39.4	50.6	54.7	60.9	69.8	75.2	81.9	84.4	86.6	89.6	92.2	93.7	96.4
≥ 200	16.4	32.0	35.8	39.4	50.6	54.7	60.9	69.8	75.2	81.9	84.4	86.6	89.6	92.3	94.3	98.2
≥ 100	16.4	32.0	35.8	39.4	50.6	54.7	60.9	69.8	75.2	81.9	84.4	86.6	89.6	92.3	94.3	99.3
≥ 0	16.4	32.0	35.8	39.4	50.6	54.7	60.9	69.8	75.2	81.9	84.4	86.6	89.6	92.3	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS

718

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5 16	≥¼	≥0
NO CEILING	11.0	16.5	17.7	19.2	21.8	22.5	24.3	25.9	26.4	27.1	27.4	27.6	27.7	27.9	27.9	28.0
≥ 20000	13.6	21.6	23.4	25.5	29.1	30.6	34.7	37.9	38.6	39.8	40.1	40.5	40.7	40.8	40.8	41.0
≥ 18000	13.6	21.6	23.4	25.5	29.1	30.6	34.9	38.0	38.7	39.9	40.2	40.7	40.8	41.0	41.0	41.1
≥ 16000	13.6	21.6	23.4	25.5	29.1	30.6	34.9	38.0	38.7	39.9	40.2	40.7	40.8	41.0	41.0	41.1
≥ 14000	13.6	21.8	23.5	25.6	29.2	30.7	35.0	38.2	38.9	40.1	40.4	40.8	41.0	41.1	41.1	41.3
≥ 12000	14.2	22.7	24.4	26.5	30.1	31.6	36.1	39.2	39.9	41.1	41.4	41.9	42.0	42.2	42.2	42.3
≥ 10000	15.4	25.3	27.1	29.4	33.5	35.3	40.4	44.6	45.3	46.5	46.8	47.2	47.4	47.5	47.5	47.7
≥ 9000	16.1	27.1	29.1	31.9	37.1	39.2	44.6	49.3	50.1	51.6	51.9	52.3	52.5	52.6	52.6	52.8
≥ 8000	16.7	28.3	30.3	33.2	39.0	41.3	46.8	51.7	52.5	53.9	54.2	54.7	54.8	55.0	55.0	55.1
≥ 7000	16.7	28.3	30.3	33.2	39.0	41.3	46.8	51.7	52.5	53.9	54.2	54.7	54.8	55.0	55.0	55.1
≥ 6000	17.1	28.9	30.8	34.1	39.9	42.2	47.7	52.6	53.4	54.8	55.1	55.6	55.7	55.9	55.9	56.0
≥ 5000	20.0	32.9	34.9	38.2	44.0	46.3	52.8	58.4	59.3	61.0	61.3	61.7	61.8	62.0	62.0	62.1
≥ 4500	21.8	35.0	37.0	40.5	46.9	49.3	55.7	61.5	62.4	64.1	64.5	65.0	65.1	65.3	65.3	65.4
≥ 4000	22.8	37.4	39.5	43.4	50.2	53.1	59.9	65.9	66.8	68.6	69.2	69.6	69.7	69.9	69.9	70.0
≥ 3500	24.3	39.6	41.9	45.8	52.9	55.7	62.6	68.6	69.6	71.4	72.1	72.6	72.7	72.9	72.9	73.0
≥ 3000	25.8	41.1	43.4	47.2	54.4	57.2	64.4	70.5	71.5	73.3	74.1	74.5	74.7	74.8	74.8	75.0
≥ 2500	27.9	43.8	46.1	49.9	57.1	60.1	67.2	73.5	74.5	76.3	77.2	77.6	77.8	77.9	77.9	78.1
≥ 2000	28.9	46.9	49.2	53.1	60.8	63.9	71.2	77.5	78.5	80.3	81.4	81.8	82.0	82.1	82.1	82.3
≥ 1800	29.2	47.8	50.1	54.1	62.0	65.1	72.4	78.7	79.7	81.5	82.6	83.0	83.2	83.3	83.3	83.5
≥ 1500	29.4	49.6	52.2	56.5	64.5	68.0	75.7	82.0	83.0	84.9	86.0	86.4	86.6	86.7	86.7	86.9
≥ 1200	29.4	50.5	53.2	57.8	66.6	70.0	77.9	84.4	85.4	87.3	88.4	88.8	89.1	89.3	89.3	89.4
≥ 1000	29.4	50.7	53.5	58.1	67.2	70.9	79.0	85.4	86.9	88.8	89.9	90.3	90.6	90.8	90.8	90.9
≥ 900	29.4	50.7	53.7	58.3	67.5	71.2	79.4	86.1	87.8	89.9	91.1	91.5	91.8	92.1	92.1	92.3
≥ 800	29.4	50.7	53.8	58.4	67.7	71.7	80.2	87.0	88.8	91.4	92.5	93.0	93.3	93.6	93.6	93.7
≥ 700	29.4	51.1	54.2	58.9	68.1	72.1	80.8	87.8	89.6	92.1	93.3	93.7	94.0	94.5	94.5	94.6
≥ 600	29.4	51.1	54.2	58.9	68.3	72.3	81.2	88.5	90.3	93.1	94.3	94.8	95.1	95.5	95.7	95.8
≥ 500	29.4	51.1	54.2	58.9	68.3	72.3	81.2	88.5	90.3	93.3	94.6	95.2	95.5	96.1	96.3	96.4
≥ 400	29.4	51.1	54.2	58.9	68.3	72.3	81.2	88.7	90.5	93.7	95.1	95.7	96.1	97.0	97.2	97.3
≥ 300	29.4	51.1	54.2	58.9	68.3	72.3	81.2	89.0	90.8	94.0	95.5	96.1	96.9	98.4	98.5	98.8
≥ 200	29.4	51.1	54.2	58.9	68.3	72.3	81.2	89.0	90.8	94.0	95.5	96.1	96.9	98.4	98.5	99.1
≥ 100	29.4	51.1	54.2	58.9	68.3	72.3	81.2	89.0	90.8	94.0	95.5	96.1	97.0	98.5	98.7	99.9
≥ 0	29.4	51.1	54.2	58.9	68.3	72.3	81.2	89.0	90.8	94.0	95.5	96.1	97.0	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

671

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NH STATION NAME

8-77

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	14.3	20.5	22.3	24.6	27.5	28.4	29.1	29.1	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 20000	18.3	28.4	30.5	33.2	39.1	41.3	43.7	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 18000	18.3	28.4	30.5	33.2	39.1	41.3	43.7	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 16000	18.3	28.4	30.5	33.2	39.1	41.3	43.7	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 14000	18.3	28.4	30.5	33.2	39.1	41.3	43.7	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 12000	18.6	28.8	30.9	33.7	39.7	41.8	44.4	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 10000	20.8	33.0	35.2	38.1	44.7	46.8	49.7	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 9000	21.3	35.1	37.7	41.0	48.6	51.0	54.0	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	21.6	35.7	38.3	41.5	49.4	51.9	54.9	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 7000	22.1	36.1	38.7	42.0	50.3	52.7	55.7	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 6000	22.5	36.8	39.4	42.7	51.0	53.4	56.4	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 5000	24.8	39.5	42.3	45.7	54.3	56.7	60.0	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4500	26.6	41.8	44.6	48.0	56.9	59.3	62.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4000	29.4	46.6	49.7	53.2	62.6	65.0	68.6	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3500	31.5	49.7	53.2	56.7	66.5	68.9	72.6	73.9	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	33.8	53.2	56.6	60.5	70.3	72.9	76.6	77.9	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2500	37.2	57.4	60.9	64.8	75.4	77.9	81.8	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000	39.7	61.9	65.3	70.2	81.8	84.7	88.8	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	40.1	62.5	66.0	71.1	83.2	86.4	90.5	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	40.1	63.3	66.9	72.2	84.7	87.8	92.0	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	40.1	63.8	68.1	73.4	85.8	89.0	93.4	95.7	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	40.1	63.8	68.1	73.4	86.0	89.1	93.7	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	40.1	63.8	68.1	73.4	86.0	89.3	94.0	96.3	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	40.1	63.8	68.1	73.4	86.0	89.4	94.1	96.4	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	40.1	63.8	68.1	73.4	86.0	89.4	94.1	96.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	40.1	63.8	68.1	73.4	86.0	89.4	94.3	96.7	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	40.1	63.8	68.1	73.4	86.0	89.4	94.4	97.0	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	40.1	63.8	68.1	73.4	86.0	89.4	94.6	97.1	98.4	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	40.1	63.8	68.1	73.4	86.0	89.4	94.6	97.1	98.4	99.3	99.4	99.7	99.7	99.7	99.7	99.7
≥ 200	40.1	63.8	68.1	73.4	86.0	89.4	94.6	97.1	98.4	99.3	99.4	99.7	99.9	99.9	99.9	99.9
≥ 100	40.1	63.8	68.1	73.4	86.0	89.4	94.6	97.1	98.4	99.3	99.4	99.7	100.0	100.0	100.0	100.0
≥ 0	40.1	63.8	68.1	73.4	86.0	89.4	94.6	97.1	98.4	99.3	99.4	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

698

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.3	25.4	27.7	29.7	33.8	34.1	34.4	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 20000	21.9	36.0	38.7	40.8	48.2	49.5	50.4	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000	21.9	36.0	38.7	40.8	48.2	49.5	50.4	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	21.9	36.0	38.7	40.8	48.2	49.5	50.4	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	21.9	36.2	38.8	41.0	48.5	49.8	50.9	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	22.8	37.4	40.1	42.3	50.4	51.6	52.7	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	23.9	39.6	42.6	44.9	53.2	54.8	56.7	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 9000	24.7	42.1	45.4	47.9	56.3	57.9	59.9	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	25.0	42.9	46.5	49.0	57.9	59.5	61.7	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000	25.2	43.2	46.8	49.3	58.5	60.3	62.4	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	25.7	44.3	48.0	50.5	59.8	61.5	63.8	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 5000	27.9	47.6	51.3	53.8	64.3	66.0	68.5	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 4500	30.7	52.6	56.7	59.6	70.4	72.3	75.0	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000	31.6	56.0	60.1	63.5	74.5	76.4	79.0	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	33.5	58.8	62.9	66.5	77.6	79.5	82.2	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	35.1	61.7	65.9	69.5	80.8	82.8	85.8	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	36.0	63.8	68.4	72.1	83.9	85.9	89.2	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	36.3	65.1	69.8	73.9	85.9	87.9	91.4	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	36.5	65.4	70.3	74.3	86.4	88.4	92.0	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	36.6	66.0	71.0	75.1	87.6	89.7	93.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	36.6	66.7	71.7	76.1	89.0	91.4	95.3	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	36.6	66.7	71.7	76.1	89.0	91.5	95.6	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	36.6	66.7	71.7	76.1	89.0	91.7	95.9	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	36.6	66.8	71.8	76.2	89.2	91.9	96.1	98.0	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	36.6	66.8	71.8	76.2	89.4	92.2	96.4	98.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	36.6	66.8	71.8	76.2	89.4	92.2	96.4	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	36.6	66.8	71.8	76.2	89.4	92.2	96.4	98.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	36.6	66.8	71.8	76.2	89.4	92.2	96.4	98.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	36.6	66.8	71.8	76.2	89.4	92.2	96.6	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	36.6	66.8	71.8	76.2	89.4	92.2	96.6	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	36.6	66.8	71.8	76.2	89.4	92.2	96.6	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	36.6	66.8	71.8	76.2	89.4	92.2	96.6	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

639

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

68-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	18.1	25.1	27.2	28.8	34.0	35.6	37.3	37.9	38.3	38.3	38.5	38.5	38.6	38.6	38.6	38.6
≥ 20000	23.6	34.3	37.0	39.3	45.6	47.9	50.4	52.4	53.1	53.1	53.3	53.3	53.4	53.4	53.4	53.4
≥ 18000	23.6	34.3	37.0	39.3	45.6	47.9	50.4	52.4	53.1	53.1	53.3	53.3	53.4	53.4	53.4	53.4
IV 16000	23.6	34.3	37.0	39.3	45.6	47.9	50.4	52.4	53.1	53.1	53.3	53.3	53.4	53.4	53.4	53.4
IV 14000	23.6	34.5	37.2	39.5	45.7	48.1	50.7	52.7	53.4	53.4	53.6	53.6	53.7	53.7	53.7	53.7
IV 12000	23.6	34.6	37.5	39.9	46.4	49.0	51.9	54.0	54.7	54.7	54.8	54.8	55.0	55.0	55.0	55.0
IV 10000	23.9	35.8	38.7	41.9	48.7	51.4	55.0	57.8	58.5	58.5	58.7	58.7	58.8	58.8	58.8	58.8
IV 9000	24.6	37.5	40.6	43.9	51.3	54.1	57.7	60.5	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5
IV 8000	25.2	38.9	42.2	45.9	53.6	56.6	60.3	63.1	63.8	63.8	64.0	64.1	64.2	64.2	64.2	64.2
IV 7000	25.2	39.0	42.3	46.0	53.7	56.8	61.0	63.8	64.5	64.5	64.7	64.8	65.0	65.0	65.0	65.0
IV 6000	25.2	39.2	42.5	46.2	53.8	57.0	61.1	64.1	65.0	65.0	65.1	65.2	65.4	65.4	65.4	65.4
IV 5000	27.1	43.2	46.4	50.6	59.1	62.3	66.7	69.9	70.8	70.8	70.9	71.1	71.2	71.2	71.2	71.2
IV 4500	29.2	46.7	50.4	54.6	63.7	67.0	71.5	74.9	75.8	75.8	75.9	76.1	76.2	76.2	76.2	76.2
IV 4000	31.1	52.0	55.7	60.4	70.5	73.9	78.5	82.1	83.0	83.0	83.2	83.3	83.5	83.5	83.5	83.5
IV 3500	32.3	54.1	57.8	62.7	73.1	76.5	81.2	84.8	85.8	85.9	86.0	86.2	86.3	86.3	86.3	86.3
IV 3000	32.9	55.4	59.1	64.0	74.5	78.1	83.0	86.8	88.0	88.2	88.3	88.5	88.6	88.6	88.6	88.6
IV 2500	33.2	56.6	60.3	65.1	76.1	79.6	85.2	88.9	90.2	90.3	90.6	90.7	90.9	90.9	90.9	90.9
IV 2000	33.3	57.4	61.1	66.0	77.2	80.8	86.6	90.7	92.0	92.2	92.5	92.6	92.7	92.7	92.7	92.7
IV 1800	33.3	57.5	61.4	66.2	78.2	81.8	87.6	91.7	93.0	93.2	93.4	93.6	93.7	93.7	93.7	93.7
IV 1500	33.3	57.7	61.5	66.7	78.9	82.8	88.7	93.0	94.3	94.4	94.7	94.9	95.0	95.0	95.0	95.0
IV 1200	33.3	58.0	62.1	67.4	79.9	83.9	90.0	94.3	95.6	95.7	96.0	96.2	96.3	96.3	96.3	96.2
IV 1000	33.3	58.0	62.1	67.4	80.1	84.2	90.5	94.7	96.0	96.2	96.4	96.6	96.7	96.7	96.7	96.7
IV 900	33.3	58.0	62.1	67.4	80.2	84.3	90.6	95.0	96.3	96.4	96.7	96.9	97.0	97.0	97.0	97.0
IV 800	33.3	58.0	62.1	67.4	80.5	84.6	90.9	95.3	96.6	96.7	97.2	97.3	97.4	97.4	97.4	97.4
IV 700	33.3	58.0	62.1	67.4	80.6	84.9	91.3	95.7	97.0	97.2	97.7	97.9	98.0	98.0	98.0	98.0
IV 600	33.3	58.0	62.1	67.4	80.6	84.9	91.6	96.2	97.4	97.6	98.1	98.4	98.6	98.6	98.6	98.6
IV 500	33.3	58.0	62.1	67.4	80.6	84.9	91.6	96.3	97.6	97.9	98.4	98.7	98.9	98.9	98.9	98.9
IV 400	33.3	58.0	62.1	67.4	80.6	84.9	91.7	96.7	98.1	98.6	99.1	99.4	99.7	99.7	99.7	99.7
IV 300	33.3	58.0	62.1	67.4	80.6	84.9	91.7	96.7	98.3	98.7	99.4	99.7	100.0	100.0	100.0	100.0
IV 200	33.3	58.0	62.1	67.4	80.6	84.9	91.7	96.7	98.3	98.7	99.4	99.7	100.0	100.0	100.0	100.0
IV 100	33.3	58.0	62.1	67.4	80.6	84.9	91.7	96.7	98.3	98.7	99.4	99.7	100.0	100.0	100.0	100.0
IV 0	33.3	58.0	62.1	67.4	80.6	84.9	91.7	96.7	98.3	98.7	99.4	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

702

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	16.9	25.9	28.0	29.6	34.2	34.9	37.4	39.8	41.0	42.3	42.5	42.8	42.9	43.3	43.8	43.8
≥ 20000	18.2	28.4	30.8	32.7	38.6	39.6	42.8	45.7	47.0	48.5	48.8	49.3	49.4	49.9	50.3	50.3
≥ 18000	18.2	28.4	30.8	32.7	38.6	39.6	42.8	45.7	47.0	48.5	48.8	49.3	49.4	49.9	50.3	50.3
≥ 16000	18.2	28.4	30.8	32.7	38.6	39.6	42.8	45.7	47.0	48.5	48.8	49.3	49.4	49.9	50.3	50.3
≥ 14000	18.3	28.6	30.9	32.8	38.8	39.8	43.0	46.2	47.5	49.0	49.3	49.7	49.9	50.3	50.7	50.7
≥ 12000	18.5	28.7	31.1	33.0	38.9	39.9	43.2	46.3	47.6	49.1	49.4	49.9	50.0	50.4	50.9	50.9
≥ 10000	18.8	29.1	31.5	34.0	41.1	42.2	46.2	50.3	51.8	53.3	53.6	54.0	54.1	54.6	55.0	55.0
≥ 9000	18.9	30.6	33.4	35.9	43.3	44.4	48.4	52.8	54.3	55.8	56.2	56.7	56.8	57.2	57.7	57.7
≥ 8000	19.5	31.7	34.6	37.1	44.8	46.2	50.3	55.0	56.5	58.0	58.4	58.9	59.0	59.5	59.9	59.9
≥ 7000	19.5	31.7	34.8	37.3	45.0	46.3	50.4	55.2	56.7	58.1	58.6	59.0	59.2	59.6	60.1	60.1
≥ 6000	19.7	32.0	35.2	37.7	45.6	46.9	51.0	55.8	57.2	5	59.2	59.6	59.8	60.2	60.7	60.7
≥ 5000	21.4	34.8	38.3	41.3	50.7	52.1	56.7	61.7	63.5	6	5.4	65.8	66.0	66.4	66.9	66.9
≥ 4500	23.8	38.8	42.5	45.7	55.2	56.5	61.1	66.7	68.5	70	70.6	71.0	71.2	71.6	72.0	72.0
≥ 4000	26.2	43.5	47.3	50.9	61.8	63.3	68.3	74.1	75.9	77.5	78.1	78.6	78.7	79.1	79.6	79.6
≥ 3500	26.5	44.1	48.1	51.9	63.3	65.1	70.3	76.3	78.1	79.7	80.3	80.8	80.9	81.4	81.8	81.8
≥ 3000	27.7	47.5	51.5	55.5	67.0	68.8	74.0	80.2	82.0	83.6	84.2	84.6	84.8	85.2	85.7	85.7
≥ 2500	28.0	49.1	53.3	57.2	68.9	70.7	75.9	82.2	84.2	85.9	86.7	87.1	87.3	87.7	88.2	88.2
≥ 2000	28.0	50.1	54.4	58.6	70.9	72.6	77.8	84.3	86.2	88.0	88.8	89.2	89.3	89.8	90.2	90.2
≥ 1800	28.0	50.6	55.0	59.2	71.6	73.4	78.7	85.2	87.1	88.9	89.6	90.1	90.2	90.7	91.1	91.1
≥ 1500	28.0	51.6	56.4	60.9	74.3	76.0	81.4	87.9	89.8	91.6	92.3	92.8	92.9	93.3	93.8	93.8
≥ 1200	28.0	52.2	57.0	61.7	75.1	77.1	82.5	89.1	91.0	92.9	93.6	94.1	94.2	94.7	95.1	95.1
≥ 1000	28.0	52.4	57.1	62.4	76.0	78.1	83.7	90.4	92.3	94.2	95.1	95.6	95.7	96.2	96.6	96.6
≥ 900	28.0	52.5	57.5	63.0	77.2	79.4	85.1	91.9	93.8	95.7	96.6	97.0	97.2	97.6	98.1	98.1
≥ 800	28.0	52.5	57.5	63.0	77.4	79.6	85.2	92.0	93.9	95.9	96.7	97.2	97.3	97.8	98.2	98.2
≥ 700	28.0	52.5	57.5	63.0	77.4	79.6	85.2	92.0	93.9	95.9	96.9	97.3	97.5	97.9	98.4	98.4
≥ 600	28.0	52.5	57.5	63.0	77.5	79.9	85.5	92.5	94.4	96.3	97.3	97.8	97.9	98.4	98.8	98.8
≥ 500	28.0	52.5	57.5	63.0	77.5	79.9	85.5	92.5	94.4	96.3	97.3	97.8	97.9	98.4	98.8	98.8
≥ 400	28.0	52.5	57.5	63.0	77.5	80.0	85.7	92.8	94.7	96.6	97.6	98.1	98.2	98.7	99.1	99.1
≥ 300	28.0	52.5	57.5	63.0	77.5	80.0	85.7	92.8	94.8	96.7	97.8	98.2	98.4	98.8	99.3	99.3
≥ 200	28.0	52.5	57.5	63.0	77.5	80.0	85.7	92.8	94.8	96.9	98.1	98.5	98.7	99.1	99.6	99.9
≥ 100	28.0	52.5	57.5	63.0	77.5	80.0	85.7	92.8	94.8	96.9	98.1	98.5	98.7	99.1	99.6	99.9
≥ 0	28.0	52.5	57.5	63.0	77.5	80.0	85.7	92.8	94.8	96.9	98.1	98.5	98.7	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

676

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NL

8-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	12.8	20.3	21.9	23.6	27.3	28.2	29.9	32.0	33.4	34.5	34.9	35.3	35.8	36.2	36.5	37.2
≥ 20000	15.4	25.5	27.5	29.6	34.9	36.4	38.9	41.7	43.2	44.5	45.1	45.5	46.1	46.6	46.9	47.5
IV 18000	15.4	25.5	27.5	29.6	34.9	36.4	39.0	41.7	43.2	44.6	45.1	45.5	46.1	46.6	46.9	47.6
IV 16000	15.4	25.5	27.5	29.6	34.9	36.4	39.0	41.7	43.2	44.6	45.1	45.5	46.1	46.6	46.9	47.6
IV 14000	15.4	25.6	27.6	29.7	35.0	36.5	39.1	41.9	43.4	44.7	45.3	45.7	46.3	46.8	47.1	47.8
IV 12000	15.7	26.1	28.1	30.2	35.7	37.2	39.9	42.7	44.2	45.5	46.1	46.5	47.1	47.6	47.9	48.6
IV 10000	16.5	27.8	30.0	32.3	38.4	40.2	41.4	46.9	48.5	49.9	50.5	50.9	51.5	52.0	52.4	53.0
IV 9000	17.0	29.4	31.7	34.3	41.0	43.0	46.3	50.1	51.7	53.4	54.0	54.5	55.1	55.6	56.0	56.6
IV 8000	17.4	30.2	32.6	35.3	42.5	44.6	48.0	51.9	53.6	55.3	55.9	56.4	57.0	57.5	57.8	58.5
IV 7000	17.5	30.3	32.8	35.5	42.7	44.9	48.4	52.3	53.9	55.6	56.3	56.7	57.4	57.9	58.2	58.8
IV 6000	17.7	30.7	33.3	36.0	43.3	45.5	49.0	53.0	54.6	56.4	57.0	57.5	58.1	58.7	59.0	59.6
IV 5000	19.4	33.7	36.3	39.2	47.3	49.6	53.5	57.9	59.9	61.8	62.4	62.9	63.6	64.1	64.5	65.1
IV 4500	21.4	37.0	39.9	43.0	51.5	53.9	57.8	62.5	64.5	66.4	67.1	67.6	68.3	68.8	69.1	69.8
IV 4000	23.1	40.6	43.7	47.2	56.4	58.9	63.1	68.0	70.1	72.1	72.8	73.3	74.0	74.6	74.9	75.5
IV 3500	24.2	42.6	45.9	49.4	59.1	61.7	66.0	71.1	73.2	75.3	76.1	76.6	77.3	77.9	78.2	78.8
IV 3000	25.4	44.7	48.1	51.7	61.5	64.2	68.7	73.9	76.1	78.2	79.0	79.5	80.2	80.8	81.1	81.8
IV 2500	26.5	46.5	50.0	53.7	63.9	66.7	71.4	76.6	78.8	80.9	81.8	82.3	83.0	83.6	84.0	84.6
IV 2000	27.1	48.2	51.8	55.8	66.7	69.5	74.3	79.6	81.9	84.1	85.0	85.5	86.3	86.8	87.2	87.8
IV 1800	27.3	48.7	52.4	56.5	67.6	70.5	75.4	80.7	83.0	85.3	86.2	86.7	87.4	88.0	88.4	89.0
IV 1500	27.4	49.4	53.3	57.5	69.1	72.1	77.1	82.5	84.9	87.2	88.1	88.6	89.3	89.9	90.3	90.9
IV 1200	27.4	49.8	53.9	58.3	70.2	73.3	78.5	84.2	86.7	89.0	89.9	90.4	91.2	91.7	92.1	92.8
IV 1000	27.4	49.9	54.0	58.5	70.7	74.0	79.3	85.1	87.6	90.0	91.0	91.5	92.2	92.8	93.1	93.8
IV 900	27.4	50.1	54.3	58.9	71.2	74.6	80.1	86.0	88.6	91.0	92.0	92.5	93.2	93.8	94.2	94.9
IV 800	27.4	50.1	54.4	59.0	71.5	75.0	80.6	86.7	89.3	91.8	92.8	93.4	94.1	94.7	95.1	95.7
IV 700	27.4	50.2	54.6	59.2	71.9	75.5	81.2	87.3	90.0	92.7	93.8	94.3	95.0	95.7	96.0	96.7
IV 600	27.4	50.3	54.6	59.2	72.0	75.6	81.5	87.7	90.5	93.3	94.4	95.0	95.7	96.4	96.8	97.4
IV 500	27.4	50.3	54.6	59.2	72.0	75.6	81.5	87.8	90.6	93.5	94.7	95.3	96.1	96.8	97.1	97.8
IV 400	27.4	50.3	54.6	59.2	72.0	75.7	81.6	88.0	90.8	93.8	95.0	95.6	96.5	97.2	97.6	98.3
IV 300	27.4	50.3	54.6	59.2	72.0	75.7	81.6	88.0	90.9	94.0	95.2	95.9	96.9	97.7	98.1	98.9
IV 200	27.4	50.3	54.6	59.2	72.0	75.7	81.6	88.0	90.9	94.0	95.3	96.0	97.0	97.9	98.2	99.4
IV 100	27.4	50.3	54.6	59.2	72.0	75.7	81.6	88.0	90.9	94.0	95.3	96.0	97.0	97.9	98.4	99.8
IV 0	27.4	50.3	54.6	59.2	72.0	75.7	81.6	88.0	90.9	94.0	95.3	96.0	97.0	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

5478

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	6.5	16.5	19.8	20.9	26.2	27.7	30.6	32.9	34.7	38.2	39.9	41.5	43.0	43.3	43.7	45.3
≥ 20000	6.8	17.2	20.5	21.6	28.4	29.8	33.2	35.7	37.6	41.2	43.1	44.7	46.2	46.5	47.0	48.7
≥ 18000	6.9	17.3	20.6	21.8	28.6	30.0	33.3	35.9	37.8	41.4	43.3	44.8	46.4	46.6	47.1	48.8
≥ 16000	6.9	17.3	20.6	21.8	28.6	30.0	33.3	35.9	37.8	41.4	43.3	44.8	46.4	46.6	47.1	48.8
≥ 14000	6.9	17.3	20.6	21.8	28.6	30.0	33.3	35.9	37.8	41.4	43.3	44.8	46.4	46.6	47.1	48.8
≥ 12000	6.9	17.4	20.7	21.9	28.8	30.2	33.5	36.1	38.0	41.6	43.5	45.1	46.6	46.9	47.4	49.0
≥ 10000	7.2	18.6	22.0	23.3	30.7	32.1	35.5	38.2	40.2	43.9	45.8	47.5	49.2	49.4	49.9	51.9
≥ 9000	7.4	19.2	22.8	24.3	31.9	33.4	36.7	39.4	41.6	45.6	47.5	49.2	50.8	51.2	51.7	53.6
≥ 8000	7.7	19.8	23.4	25.0	32.5	34.1	37.4	40.1	42.4	46.4	48.3	49.9	51.7	52.2	52.8	54.7
≥ 7000	7.7	19.8	23.4	25.0	32.5	34.1	37.4	40.1	42.4	46.4	48.4	50.1	51.9	52.4	52.9	54.8
≥ 6000	7.7	19.8	23.4	25.0	32.7	34.2	37.5	40.2	42.5	46.5	48.5	50.2	52.0	52.5	53.0	54.9
≥ 5000	8.2	22.2	25.7	27.4	35.9	37.5	41.0	43.9	46.2	50.2	52.5	54.2	56.0	56.5	57.0	58.9
≥ 4500	9.5	24.2	27.8	29.6	38.8	40.6	44.0	47.1	49.6	53.5	55.8	57.5	59.3	59.8	60.3	62.2
≥ 4000	9.7	25.9	29.7	31.8	41.6	43.5	47.2	50.3	52.8	56.7	59.3	60.9	62.7	63.3	63.8	65.7
≥ 3500	10.4	27.7	31.6	34.2	44.2	46.2	50.1	53.4	56.0	59.9	62.5	64.1	65.9	66.5	67.0	68.9
≥ 3000	10.8	29.1	33.3	36.0	46.6	48.8	52.8	56.3	59.0	63.1	65.8	67.5	69.3	69.8	70.3	72.2
≥ 2500	11.1	30.9	35.2	38.0	49.3	51.7	55.7	59.3	62.0	66.1	68.8	70.4	72.2	72.7	73.2	75.2
≥ 2000	11.1	32.1	36.6	39.4	51.0	53.5	57.5	61.1	63.8	68.1	70.9	72.8	74.5	75.0	75.5	77.5
≥ 1800	11.1	32.3	36.9	39.7	51.5	54.0	58.3	62.0	64.7	69.0	71.8	73.5	75.4	75.9	76.4	78.4
≥ 1500	11.1	32.7	37.4	40.3	52.9	55.4	59.7	63.6	66.5	70.8	73.6	75.3	77.2	77.7	78.2	80.2
≥ 1200	11.1	33.0	38.2	41.5	54.5	57.1	61.7	65.7	68.9	73.2	76.1	77.7	79.6	80.2	80.7	82.6
≥ 1000	11.1	33.3	38.4	41.7	54.9	57.6	62.2	66.3	69.5	74.3	77.1	78.7	80.7	81.2	81.7	83.6
≥ 900	11.1	33.3	38.4	42.1	56.6	59.3	64.0	68.4	71.6	76.3	79.1	80.8	82.8	83.4	83.9	85.8
≥ 800	11.1	33.4	38.5	42.3	57.2	60.2	65.2	70.2	73.4	78.2	81.0	82.7	84.9	85.5	86.0	88.0
≥ 700	11.1	33.4	38.5	42.3	57.2	60.3	65.3	70.3	73.6	78.5	81.3	83.0	85.1	85.8	86.3	88.2
≥ 600	11.1	33.4	38.5	42.3	57.6	60.7	65.8	71.2	74.8	79.9	82.0	84.8	86.9	87.6	88.1	90.1
≥ 500	11.1	33.4	38.5	42.3	57.6	60.8	66.2	72.0	76.1	81.8	85.1	86.9	89.2	89.9	90.5	92.6
≥ 400	11.1	33.4	38.5	42.3	57.7	61.1	66.7	73.0	77.1	83.4	87.1	89.0	91.4	92.3	93.0	95.1
≥ 300	11.1	33.4	38.5	42.3	57.7	61.1	66.7	73.1	77.2	83.7	87.5	89.4	92.2	93.1	93.7	95.9
≥ 200	11.1	33.4	38.5	42.3	57.7	61.1	66.7	73.1	77.2	83.7	87.5	89.4	92.7	94.4	95.1	98.1
≥ 100	11.1	33.4	38.5	42.3	57.7	61.1	66.7	73.1	77.2	83.7	87.5	89.4	92.7	94.4	95.3	99.7
≥ 0	11.1	33.4	38.5	42.3	57.7	61.1	66.7	73.1	77.2	83.7	87.5	89.4	92.7	94.4	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS

781

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SOESTERBERG NJ

68-77

OCF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	4.7	10.5	12.6	14.9	21.2	23.2	23.9	27.7	22.9	33.1	35.0	36.2	37.2	38.3	38.9	43.0
≥ 20000	4.7	11.3	13.7	16.3	23.2	25.3	26.1	30.4	32.9	36.8	38.7	40.0	40.9	42.0	42.6	46.7
≥ 18000	4.7	11.3	13.7	16.3	23.2	25.3	26.1	30.4	32.9	36.8	38.7	40.0	40.9	42.0	42.6	46.7
≥ 16000	4.7	11.3	13.7	16.3	23.2	25.3	26.1	30.4	32.9	36.8	38.7	40.0	40.9	42.0	42.6	46.7
≥ 14000	4.7	11.3	13.7	16.3	23.2	25.3	26.1	30.4	32.9	36.8	38.7	40.0	40.9	42.0	42.6	46.7
≥ 12000	4.7	11.6	14.0	16.6	23.5	25.6	26.4	30.7	33.2	37.1	39.0	40.2	41.2	42.3	42.9	47.0
≥ 10000	4.8	13.1	15.5	18.5	25.6	27.8	28.6	32.9	35.4	40.0	41.9	43.2	44.3	45.5	46.1	50.3
≥ 9000	5.4	14.1	16.5	19.5	27.0	29.3	30.2	34.4	36.9	41.5	43.6	44.8	45.9	47.2	47.7	52.0
≥ 8000	5.4	14.8	17.2	20.3	27.8	30.2	31.0	35.3	37.8	42.3	44.5	45.9	47.0	48.3	48.8	53.1
≥ 7000	5.4	14.8	17.2	20.3	27.8	30.2	31.0	35.3	37.8	42.3	44.5	45.9	47.0	48.3	48.8	53.1
≥ 6000	5.4	14.8	17.2	20.3	27.8	30.2	31.0	35.3	37.8	42.3	44.5	45.9	47.0	48.3	48.8	53.1
≥ 5000	6.1	15.8	18.8	22.0	29.7	32.1	33.1	37.9	40.4	45.1	47.3	48.8	50.1	51.3	51.9	56.2
≥ 4500	6.5	16.5	19.8	23.1	31.5	33.9	34.9	39.7	42.2	46.9	49.1	50.6	51.9	53.1	53.7	58.0
≥ 4000	7.3	19.4	22.8	26.4	35.4	37.9	39.3	44.3	46.9	51.9	54.4	55.9	57.1	58.4	58.9	63.2
≥ 3500	7.9	21.0	24.6	28.2	37.8	40.2	41.8	47.0	49.9	54.9	57.5	59.1	60.3	61.5	62.1	66.4
≥ 3000	8.4	22.0	25.7	29.3	39.0	41.6	43.4	48.7	51.3	56.7	59.3	60.9	62.1	63.3	63.9	68.2
≥ 2500	9.1	23.0	27.1	30.7	40.4	43.4	45.2	50.6	53.9	59.1	61.7	63.3	64.6	65.8	66.4	70.7
≥ 2000	9.1	24.3	29.0	32.6	42.7	46.3	48.1	53.5	57.0	62.5	65.1	67.1	68.3	69.6	70.1	74.4
≥ 1800	9.1	24.8	29.7	33.5	44.1	47.9	49.7	55.0	58.6	64.2	66.8	68.7	70.1	71.4	71.9	76.2
≥ 1500	9.1	25.7	31.1	35.0	46.7	50.5	52.3	57.7	61.4	66.9	69.6	71.5	72.9	74.1	74.7	79.1
≥ 1200	9.1	25.9	31.5	35.5	48.0	51.9	53.7	59.1	62.8	68.5	71.1	73.0	74.4	75.7	76.2	80.6
≥ 1000	9.1	25.9	31.5	35.5	48.3	52.1	53.9	59.8	63.6	69.4	72.1	74.0	75.4	76.6	77.2	81.6
≥ 900	9.1	25.9	31.5	35.5	49.9	54.4	56.2	62.5	66.4	72.2	74.8	76.8	78.1	79.4	79.9	84.4
≥ 800	9.1	25.9	31.5	35.5	50.1	55.2	57.1	63.6	67.5	73.3	75.9	78.0	79.4	80.6	81.2	85.6
≥ 700	9.1	25.9	31.5	35.5	50.2	55.3	57.7	64.7	68.6	74.4	77.0	79.3	80.6	81.9	82.6	87.0
≥ 600	9.1	25.9	31.7	35.7	50.3	55.6	57.8	66.3	70.3	76.5	79.1	81.3	82.7	84.0	84.6	89.2
≥ 500	9.1	25.9	31.7	35.8	50.8	56.0	58.2	67.1	71.5	78.3	81.1	83.4	84.9	86.4	87.3	91.8
≥ 400	9.1	25.9	31.7	35.8	50.8	56.0	58.2	67.6	72.2	79.3	82.0	84.4	85.9	87.7	88.5	93.1
≥ 300	9.1	25.9	31.7	35.8	50.8	56.0	58.4	67.8	72.5	79.9	83.0	85.5	87.0	89.1	89.9	94.7
≥ 200	9.1	25.9	31.7	35.8	50.8	56.0	58.4	67.8	72.5	79.9	83.1	85.6	87.4	89.6	90.7	96.8
≥ 100	9.1	25.9	31.7	35.8	50.8	56.0	58.4	67.8	72.5	80.1	83.3	85.8	87.6	89.9	91.0	98.9
≥ 0	9.1	25.9	31.7	35.8	50.8	56.0	58.4	67.8	72.5	80.1	83.3	85.8	87.6	89.9	91.0	100.0

TOTAL NUMBER OF OBSERVATIONS

723

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	3.7	8.0	8.8	9.2	13.7	16.2	17.7	20.8	22.1	24.4	26.0	27.4	28.5	29.8	30.4	32.7
≥ 20000	3.8	8.6	9.9	10.4	15.7	18.4	20.7	24.1	25.6	28.6	30.2	32.0	33.6	35.4	36.1	38.6
≥ 18000	3.8	8.6	9.9	10.4	15.7	18.4	20.7	24.1	25.6	28.6	30.2	32.0	33.6	35.4	36.1	38.6
≥ 16000	3.8	8.6	9.9	10.4	15.7	18.4	20.7	24.1	25.6	28.6	30.2	32.0	33.7	35.6	36.2	38.7
≥ 14000	3.8	8.6	9.9	10.4	15.7	18.4	20.7	24.1	25.6	28.7	30.3	32.1	33.9	35.7	36.4	38.9
≥ 12000	4.1	8.8	10.1	10.9	16.3	19.1	21.3	24.8	26.4	29.5	31.2	33.1	34.8	36.6	37.3	39.8
≥ 10000	4.5	9.5	10.9	12.0	17.8	20.6	23.3	26.7	28.3	31.9	33.9	35.8	37.5	39.4	40.1	42.8
≥ 9000	4.5	10.0	11.6	12.6	18.6	21.5	24.4	27.9	29.6	33.2	35.2	37.2	38.9	41.0	41.6	44.5
≥ 8000	4.6	10.4	12.1	13.2	19.2	22.3	25.2	28.9	30.6	34.5	36.5	38.5	40.3	42.4	43.1	46.0
≥ 7000	4.6	10.4	12.1	13.2	19.2	22.3	25.2	29.0	30.7	34.7	36.6	38.6	40.4	42.6	43.2	46.1
≥ 6000	4.6	10.4	12.1	13.2	19.4	22.4	25.3	29.1	30.8	34.8	36.8	38.9	40.7	42.8	43.6	46.5
≥ 5000	4.9	11.1	13.0	14.1	20.7	23.8	26.7	30.8	32.8	37.0	39.0	41.1	43.2	45.3	46.1	49.1
≥ 4500	5.5	12.5	14.6	15.7	22.7	26.1	29.1	33.2	35.4	39.7	41.8	44.0	46.1	48.2	49.0	52.0
≥ 4000	6.3	14.9	17.1	18.4	26.1	29.5	32.8	37.0	39.5	43.9	46.0	48.2	50.3	52.4	53.2	56.3
≥ 3500	7.2	17.0	19.4	20.8	29.0	32.8	36.1	40.6	43.2	47.7	49.9	52.2	54.3	56.4	57.2	60.2
≥ 3000	7.6	18.1	20.4	22.0	30.8	34.9	38.2	43.2	46.0	51.0	53.2	55.5	57.6	59.7	60.5	63.5
≥ 2500	8.2	19.0	21.6	23.5	32.4	36.5	39.9	44.9	48.0	53.1	55.3	57.6	59.9	62.1	62.8	65.9
≥ 2000	8.2	19.4	22.8	24.9	34.1	38.3	41.8	46.9	49.9	55.1	57.3	59.6	62.1	64.2	65.0	68.0
≥ 1800	8.2	20.0	23.7	25.8	35.2	39.5	43.0	48.2	51.3	56.4	58.6	60.9	63.4	65.5	66.3	69.3
≥ 1500	8.3	20.6	24.8	27.0	36.8	41.2	44.7	49.9	53.2	58.4	60.7	63.0	65.5	67.6	68.4	71.4
≥ 1200	8.4	21.3	25.8	28.1	38.2	43.3	47.3	52.6	56.1	61.3	63.6	65.9	68.5	70.8	71.5	74.6
≥ 1000	8.4	21.3	26.0	28.2	38.9	44.1	48.1	53.8	57.6	62.8	65.3	67.6	70.2	72.5	73.3	76.3
≥ 900	8.6	21.6	26.2	28.5	39.7	45.6	50.1	55.9	59.8	65.1	67.6	69.8	72.5	74.8	75.6	78.8
≥ 800	8.6	21.9	26.5	28.7	40.2	46.2	50.7	56.9	61.3	66.8	69.3	71.5	74.3	76.7	77.5	80.6
≥ 700	8.6	21.9	26.6	29.0	40.6	46.6	51.1	57.8	62.5	68.0	70.6	73.1	76.0	78.4	79.2	82.3
≥ 600	8.6	21.9	26.7	29.1	40.7	46.9	51.6	59.2	63.9	69.6	72.2	74.7	77.6	80.1	80.9	84.1
≥ 500	8.6	22.0	26.9	29.2	40.8	47.0	51.8	59.3	64.6	70.5	73.3	75.8	78.9	81.6	82.3	85.5
≥ 400	8.6	22.0	26.9	29.2	40.8	47.0	51.8	59.6	65.1	71.4	74.3	76.8	80.4	83.1	84.3	87.5
≥ 300	8.6	22.0	26.9	29.2	40.8	47.0	51.9	59.8	65.3	71.9	75.1	78.4	82.6	85.9	87.2	90.5
≥ 200	8.6	22.0	26.9	29.2	40.8	47.0	51.9	59.8	65.3	72.1	75.2	78.5	82.9	86.8	88.1	91.5
≥ 100	8.6	22.0	26.9	29.2	40.8	47.0	51.9	59.8	65.3	72.1	75.2	78.5	83.3	87.7	89.3	92.9
≥ 0	8.6	22.0	26.9	29.2	40.8	47.0	51.9	59.8	65.3	72.1	75.2	78.5	83.3	87.7	89.5	93.0

TOTAL NUMBER OF OBSERVATIONS

759

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NL

GR-77

UCI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	4.6	8.8	10.3	11.1	14.1	15.3	18.5	21.3	22.8	24.8	25.1	25.5	26.1	26.5	27.0	27.2
≥ 20000	7.4	12.8	14.8	16.4	21.8	23.5	28.7	32.7	35.2	38.7	39.5	40.1	40.9	41.5	41.9	42.5
≥ 18000	7.4	12.8	14.8	16.4	21.8	23.5	28.7	32.7	35.2	38.7	39.5	40.1	40.9	41.5	41.9	42.5
≥ 16000	7.4	12.8	14.8	16.4	21.8	23.5	28.7	32.7	35.2	38.7	39.5	40.1	40.9	41.5	41.9	42.5
≥ 14000	7.4	12.8	14.8	16.4	21.8	23.5	28.7	32.7	35.2	38.7	39.5	40.1	40.9	41.5	41.9	42.5
≥ 12000	7.4	13.4	15.5	17.1	22.5	24.3	29.4	33.5	36.1	39.7	40.7	41.2	42.1	42.7	43.1	43.7
≥ 10000	8.1	15.1	17.7	19.4	25.1	26.8	32.1	36.2	38.9	42.5	43.5	44.1	44.9	45.5	45.9	46.5
≥ 9000	8.4	16.0	19.0	21.3	27.4	29.1	34.5	39.4	42.1	45.6	46.6	47.2	48.1	48.6	49.1	49.6
≥ 8000	8.6	16.4	19.7	22.1	28.2	30.1	35.5	40.8	43.9	47.6	48.6	49.4	50.4	51.1	51.5	52.1
≥ 7000	8.6	16.4	19.7	22.1	28.2	30.1	35.5	41.1	44.2	47.9	48.9	49.6	50.6	51.4	51.8	52.4
≥ 6000	8.8	16.7	20.0	22.4	28.5	30.5	35.9	41.8	44.9	48.8	49.8	50.5	51.5	52.2	52.6	53.2
≥ 5000	9.1	17.1	20.4	23.0	29.7	32.0	37.5	43.5	46.8	50.6	51.6	52.6	53.6	54.4	54.8	55.3
≥ 4500	9.6	18.7	22.1	24.7	31.7	34.0	39.5	45.6	48.9	52.8	53.8	54.8	55.8	56.5	56.9	57.5
≥ 4000	9.7	20.5	24.3	27.2	34.5	37.1	42.7	49.2	52.9	56.8	57.8	58.8	59.8	60.5	60.9	61.5
≥ 3500	10.6	22.0	26.1	29.1	36.9	39.5	45.1	51.8	55.6	59.5	60.5	61.5	62.5	63.2	63.6	64.2
≥ 3000	10.7	22.8	27.0	30.4	39.4	42.2	47.9	54.8	58.8	63.1	64.1	65.0	66.0	66.8	67.2	67.8
≥ 2500	11.6	24.1	28.4	32.0	41.5	44.7	50.4	57.5	61.6	65.9	66.9	67.9	69.0	69.8	70.2	70.8
≥ 2000	11.6	24.8	29.2	33.2	43.1	46.4	52.1	59.5	63.6	67.9	68.9	69.9	71.0	71.8	72.2	72.9
≥ 1800	11.6	25.1	30.0	34.0	43.9	47.2	52.9	60.3	64.5	68.8	69.8	70.8	71.9	72.6	73.0	73.8
≥ 1500	11.6	26.1	31.4	35.5	45.9	49.2	55.2	62.6	66.8	71.0	72.0	73.0	74.2	74.9	75.3	76.0
≥ 1200	11.6	27.5	33.0	37.2	48.1	51.5	57.8	65.3	69.5	73.8	74.8	75.7	76.9	77.6	78.0	78.7
≥ 1000	11.6	27.7	33.1	37.4	48.9	52.4	58.6	66.6	70.8	75.0	76.0	77.2	78.3	79.0	79.5	80.2
≥ 900	11.6	27.7	33.1	37.7	49.5	52.9	59.5	67.6	71.8	76.2	77.2	78.3	79.5	80.2	80.6	81.3
≥ 800	11.6	27.7	33.1	37.8	50.1	53.5	60.1	68.2	72.5	76.9	77.9	79.0	80.2	80.9	81.3	82.0
≥ 700	11.6	27.7	33.1	37.8	50.2	53.8	60.8	69.0	73.3	77.9	78.9	80.0	81.2	81.9	82.3	83.0
≥ 600	11.6	27.7	33.1	37.8	50.3	54.2	61.5	70.3	75.0	79.7	81.0	82.2	83.5	84.2	84.6	85.3
≥ 500	11.6	27.7	33.1	37.8	50.5	54.2	61.8	70.8	75.9	81.3	82.9	84.0	85.7	86.6	87.2	87.9
≥ 400	11.6	27.7	33.1	37.8	50.5	54.2	61.9	70.9	76.3	82.3	84.3	85.6	87.6	88.9	89.6	90.3
≥ 300	11.6	27.7	33.1	37.8	50.5	54.2	61.9	70.9	76.5	82.6	85.4	87.0	89.6	91.7	92.6	93.9
≥ 200	11.6	27.7	33.1	37.8	50.5	54.2	61.9	70.9	76.5	82.6	85.6	87.3	90.2	92.6	94.0	97.1
≥ 100	11.6	27.7	33.1	37.8	50.5	54.2	61.9	70.9	76.5	82.6	85.6	87.3	90.3	93.0	94.4	99.7
≥ 0	11.6	27.7	33.1	37.8	50.5	54.2	61.9	70.9	76.5	82.6	85.6	87.3	90.3	93.0	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS

701

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

08-77
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.1	16.0	17.6	19.7	23.3	25.0	28.1	29.8	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.5
≥ 20000	12.7	24.0	26.4	29.0	35.4	37.6	43.2	45.2	46.4	46.9	46.9	46.9	46.9	46.9	46.9	47.0
≥ 18000	12.8	24.1	26.5	29.1	35.5	37.7	43.3	45.3	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.2
≥ 16000	12.8	24.1	26.5	29.1	35.5	37.7	43.3	45.3	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.2
≥ 14000	13.1	24.5	26.9	29.5	35.9	38.1	43.7	45.7	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.5
≥ 12000	13.1	24.5	27.2	29.8	36.2	38.4	44.0	46.0	47.2	47.7	47.7	47.7	47.7	47.7	47.7	47.8
≥ 10000	13.5	26.4	29.3	32.1	38.7	40.9	46.6	48.7	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.7
≥ 9000	13.8	27.5	31.1	33.9	41.1	43.3	49.0	51.1	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.1
≥ 8000	13.9	27.9	31.8	34.7	42.0	44.5	50.2	52.3	53.6	54.4	54.4	54.6	54.8	54.8	54.8	55.0
≥ 7000	13.9	27.9	31.8	34.7	42.3	44.8	50.5	52.6	53.9	54.7	54.7	54.8	55.1	55.1	55.1	55.2
≥ 6000	13.9	27.9	31.9	34.8	42.4	44.9	50.6	52.7	54.0	54.8	54.8	55.0	55.2	55.2	55.2	55.4
≥ 5000	14.7	29.5	33.5	36.4	44.8	47.5	53.5	55.8	57.2	58.1	58.3	58.4	58.7	58.7	58.7	58.8
≥ 4500	16.2	32.2	36.3	39.2	47.5	50.5	56.4	58.8	60.3	61.2	61.3	61.5	61.7	61.7	61.7	61.9
≥ 4000	16.7	33.5	37.9	41.2	49.8	52.7	58.7	61.1	62.5	63.4	63.6	63.7	64.1	64.1	64.1	64.2
≥ 3500	18.4	36.3	40.8	44.2	53.2	56.2	62.3	64.8	66.2	67.2	67.3	67.4	67.8	67.8	67.8	67.9
≥ 3000	19.7	38.5	43.6	47.3	57.2	60.3	66.4	69.0	70.5	71.4	71.5	71.7	72.1	72.1	72.1	72.2
≥ 2500	20.8	40.4	45.6	49.4	59.9	62.9	69.3	71.9	73.4	74.4	74.6	74.7	75.1	75.1	75.1	75.2
≥ 2000	22.6	43.7	49.0	53.2	64.6	67.7	74.2	77.0	78.5	79.6	79.7	79.9	80.3	80.3	80.3	80.4
≥ 1800	22.9	44.6	50.3	54.8	66.8	69.8	76.3	79.1	80.7	81.7	81.9	82.0	82.4	82.4	82.4	82.5
≥ 1500	22.9	45.3	51.1	55.9	68.3	71.4	78.0	81.1	82.6	83.7	83.8	84.0	84.4	84.4	84.4	84.5
≥ 1200	22.9	45.6	51.7	56.6	70.2	73.6	80.8	83.8	85.6	86.6	86.8	86.9	87.3	87.3	87.3	87.4
≥ 1000	22.9	45.7	51.8	56.7	70.7	74.2	81.3	84.4	86.2	87.3	87.4	87.7	88.1	88.1	88.1	88.2
≥ 900	22.9	45.7	51.8	56.7	70.9	74.3	81.6	84.8	86.6	87.7	87.8	88.1	88.5	88.5	88.5	88.6
≥ 800	22.9	45.7	51.8	56.7	70.9	74.6	82.0	85.2	87.0	88.1	88.2	88.3	88.9	88.9	88.9	89.0
≥ 700	22.9	45.7	51.8	56.7	70.9	74.6	82.3	85.7	87.5	88.9	89.0	89.3	89.7	89.7	89.7	89.8
≥ 600	22.9	45.7	51.8	56.7	71.4	75.2	83.2	87.4	89.5	91.1	91.7	91.9	92.3	92.5	92.5	92.6
≥ 500	22.9	45.7	51.8	56.7	71.8	75.8	83.7	88.2	90.9	93.4	94.3	94.6	95.0	95.1	95.1	95.2
≥ 400	22.9	45.7	51.8	56.7	71.8	75.8	84.1	88.6	91.4	94.4	95.6	95.4	96.8	97.2	97.2	97.5
≥ 300	22.9	45.7	51.8	56.7	71.8	75.8	84.2	88.7	91.5	94.8	96.2	96.4	97.6	98.0	98.1	98.4
≥ 200	22.9	45.7	51.8	56.7	71.8	75.8	84.2	88.7	91.5	94.8	96.3	96.7	97.9	98.7	99.1	99.6
≥ 100	22.9	45.7	51.8	56.7	71.8	75.8	84.2	88.7	91.5	94.8	96.3	96.7	97.9	98.8	99.2	100.0
≥ 0	22.9	45.7	51.8	56.7	71.8	75.8	84.2	88.7	91.5	94.6	96.3	96.7	97.9	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

759

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SOESTERBERG III

8-77

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	12.4 17.6	21.8 30.0	23.0 32.7	24.4 34.4	28.9 41.8	30.7 44.1	33.1 47.2	34.2 48.7	34.8 50.1	34.9 50.7	34.9 50.7	35.1 50.8	35.1 50.8	35.1 50.8	35.1 50.8	35.1 50.8
≥ 18000 ≥ 16000	17.9 17.9	30.4 30.4	33.1 33.1	34.8 34.8	42.2 42.2	44.6 44.6	47.6 47.6	49.3 49.3	50.7 50.7	51.3 51.3	51.3 51.3	51.4 51.4	51.4 51.4	51.4 51.4	51.4 51.4	51.4 51.4
≥ 14000 ≥ 12000	18.4 18.4	31.0 31.3	33.7 33.9	35.3 35.8	42.7 43.3	45.1 45.7	48.2 48.7	49.9 50.4	51.3 51.8	51.8 52.4	51.8 52.4	52.0 52.5	52.0 52.5	52.0 52.5	52.0 52.5	52.0 52.5
≥ 10000 ≥ 9000	20.0 20.5	33.8 34.5	36.6 37.7	38.5 39.8	46.2 47.5	48.9 50.3	52.9 54.5	54.6 56.3	56.0 57.8	56.6 58.4	56.6 58.5	56.7 58.7	56.7 58.7	56.8 58.8	56.8 58.8	56.8 58.8
≥ 8000 ≥ 7000	20.7 20.7	34.0 34.9	38.4 38.7	40.6 41.1	48.5 48.9	51.4 51.8	55.6 56.0	57.4 57.8	59.1 59.5	59.8 60.2	60.1 60.5	60.2 60.6	60.2 60.6	60.3 60.6	60.3 60.8	60.3 60.8
≥ 6000 ≥ 5000	20.7 21.4	35.1 36.6	38.8 40.4	41.2 42.7	49.0 51.0	52.0 53.9	56.1 58.1	58.0 60.2	59.6 61.9	60.3 62.6	60.6 62.8	60.8 63.0	60.8 63.0	60.9 63.1	60.9 63.1	60.9 63.1
≥ 4500 ≥ 4000	23.9 25.1	40.8 43.7	44.6 47.6	47.2 50.3	56.1 59.6	59.1 62.6	63.4 66.9	65.5 69.0	67.2 70.7	67.9 71.4	68.2 71.8	68.3 71.9	68.3 71.9	68.4 72.1	68.4 72.1	68.4 72.1
≥ 3500 ≥ 3000	26.5 27.0	46.1 47.6	50.1 51.8	52.9 54.6	63.0 65.2	66.1 68.4	70.4 72.8	72.6 75.0	74.4 76.8	75.1 77.5	75.6 77.9	75.7 78.1	75.7 78.1	75.8 78.2	75.8 78.2	75.8 78.2
≥ 2500 ≥ 2000	27.5 28.2	49.6 51.7	53.9 56.3	56.7 59.4	68.0 71.4	71.2 74.9	75.6 79.5	77.8 82.1	79.6 83.9	80.3 84.6	80.7 85.1	80.9 85.2	80.9 85.2	81.0 85.3	81.0 85.3	81.0 85.3
≥ 1800 ≥ 1500	28.2 28.2	51.8 52.4	56.6 57.3	59.6 60.6	71.9 73.2	75.6 76.8	80.2 81.6	83.0 84.6	84.9 86.6	85.6 87.4	86.0 87.8	86.2 88.0	86.2 88.0	86.3 88.1	86.3 88.1	86.3 88.1
≥ 1200 ≥ 1000	28.2 28.2	52.7 52.7	57.5 57.5	60.9 61.0	73.7 73.9	77.5 77.7	82.5 82.8	85.6 86.2	87.6 88.1	88.4 89.1	88.8 89.5	89.0 89.7	89.0 89.7	89.1 89.8	89.1 89.8	89.1 89.8
≥ 900 ≥ 800	28.2 28.2	52.7 52.7	57.5 57.5	61.0 61.0	74.0 74.3	77.9 78.5	83.2 84.1	86.6 87.6	88.7 89.7	89.7 90.6	90.1 91.2	90.2 91.3	90.2 91.3	90.4 91.5	90.4 91.5	90.4 91.5
≥ 700 ≥ 600	28.2 28.2	52.7 52.7	57.5 57.5	61.0 61.0	74.4 74.4	79.1 79.2	85.1 85.3	88.7 89.0	90.8 92.0	91.8 93.4	92.3 94.0	92.5 94.1	92.5 94.3	92.6 94.4	92.6 94.4	92.6 94.4
≥ 500 ≥ 400	28.2 28.2	52.8 52.8	57.7 57.7	61.2 61.2	74.6 74.6	79.5 79.6	85.6 85.8	89.2 89.5	93.0 93.3	94.7 95.1	95.4 96.2	95.8 96.6	96.1 97.1	96.2 97.2	96.2 97.2	96.2 97.2
≥ 300 ≥ 200	28.2 28.2	52.8 52.8	57.7 57.7	61.2 61.2	74.6 74.6	79.6 79.6	85.8 85.8	89.5 89.5	93.3 93.3	95.7 95.8	96.9 97.2	97.3 97.6	98.0 98.3	98.3 99.0	98.3 99.3	98.3 99.9
≥ 100 ≥ 0	28.2 28.2	52.8 52.8	57.7 57.7	61.2 61.2	74.6 74.6	79.6 79.6	85.8 85.8	89.5 89.5	93.3 93.3	95.8 95.8	97.2 97.2	97.6 97.6	98.3 98.3	99.0 99.0	99.3 99.3	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

716

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	10.0	18.6	21.3	22.0	26.1	27.5	29.3	31.8	34.1	36.3	37.4	37.4	38.1	38.4	38.4	38.4	38.4
≥ 20000	11.7	22.6	25.9	27.2	33.4	35.8	38.3	41.8	44.4	46.9	48.3	48.3	49.0	49.3	49.3	49.3	49.3
≥ 18000	11.7	22.7	26.1	27.3	33.5	35.9	38.4	42.0	44.5	47.1	48.5	48.5	49.3	49.6	49.6	49.6	49.6
≥ 16000	11.7	22.7	26.1	27.3	33.5	35.9	38.4	42.0	44.5	47.1	48.5	48.5	49.3	49.6	49.6	49.6	49.6
≥ 14000	11.7	22.7	26.1	27.3	33.5	35.9	38.4	42.0	44.5	47.1	48.5	48.5	49.3	49.6	49.6	49.6	49.6
≥ 12000	12.1	23.6	27.0	28.2	34.5	37.1	39.5	43.3	45.8	48.4	49.8	49.8	50.6	50.8	50.8	50.8	50.8
≥ 10000	13.4	26.4	29.9	31.2	37.7	40.3	42.9	46.6	49.3	51.9	53.3	53.3	54.2	54.6	54.6	54.6	54.6
≥ 9000	14.1	27.7	31.2	32.5	39.5	42.1	44.8	49.2	52.0	54.8	56.2	56.2	57.1	57.5	57.5	57.5	57.5
≥ 8000	14.2	28.2	31.7	33.1	40.3	42.9	46.0	50.7	53.5	56.6	58.0	58.0	58.9	59.3	59.3	59.3	59.3
≥ 7000	14.2	28.2	31.7	33.1	40.3	43.0	46.1	50.8	53.7	56.7	58.2	58.2	59.1	59.4	59.4	59.4	59.4
≥ 6000	14.2	28.9	32.5	33.9	41.2	43.9	47.0	51.7	54.6	57.6	59.1	59.1	59.9	60.3	60.3	60.3	60.3
≥ 5000	14.6	29.5	33.2	34.7	42.4	45.2	48.3	53.8	56.6	59.9	61.4	61.4	62.4	62.8	62.8	62.8	62.8
≥ 4500	16.2	31.6	35.6	37.0	44.9	47.8	51.1	56.9	59.7	63.0	64.4	64.4	65.5	65.9	65.9	65.9	65.9
≥ 4000	16.9	33.6	37.9	39.7	47.9	50.7	54.3	60.2	63.0	66.4	67.8	67.8	68.8	69.2	69.2	69.2	69.2
≥ 3500	17.7	36.1	40.4	42.2	50.7	53.5	57.1	63.2	66.0	69.3	70.7	70.7	71.8	72.1	72.1	72.1	72.1
≥ 3000	18.7	39.7	44.4	46.5	55.3	58.2	61.7	67.8	70.6	73.9	75.5	75.5	76.5	76.9	76.9	76.9	76.9
≥ 2500	18.9	41.1	46.2	48.3	57.6	60.5	64.1	70.1	73.0	76.4	77.9	77.9	78.9	79.3	79.3	79.3	79.3
≥ 2000	18.9	42.0	47.2	49.6	58.9	62.0	66.1	72.4	75.5	78.9	80.5	80.5	81.5	81.9	81.9	81.9	81.9
≥ 1800	18.9	42.6	48.1	50.6	60.2	63.4	67.8	74.2	77.4	81.1	82.7	82.7	83.7	84.1	84.1	84.1	84.1
≥ 1500	19.0	43.3	48.8	51.2	61.4	64.7	69.1	76.3	79.5	83.2	84.9	84.9	85.9	86.3	86.3	86.3	86.3
≥ 1200	19.0	43.4	48.9	51.3	62.0	65.6	70.3	77.8	81.1	84.9	86.5	86.5	87.5	87.9	87.9	87.9	87.9
≥ 1000	19.0	43.4	48.9	51.3	62.3	66.1	70.9	78.6	81.9	85.6	87.3	87.3	88.3	88.7	88.7	88.7	88.7
≥ 900	19.0	43.4	48.9	51.5	62.4	66.2	71.2	78.9	82.3	86.0	87.7	87.7	88.7	89.1	89.1	89.1	89.1
≥ 800	19.0	43.5	49.0	51.6	62.8	66.6	71.6	79.8	83.2	86.9	88.6	88.6	89.6	90.0	90.0	90.0	90.0
≥ 700	19.0	43.5	49.3	51.9	63.3	67.3	72.4	81.0	84.5	88.3	90.0	90.0	91.0	91.4	91.4	91.4	91.4
≥ 600	19.0	43.5	49.3	51.9	63.3	67.3	72.5	81.8	85.9	90.1	91.9	91.9	93.1	93.5	93.5	93.5	93.5
≥ 500	19.0	43.5	49.3	51.9	63.3	67.3	72.7	82.0	86.3	90.6	92.6	92.6	93.8	94.2	94.2	94.2	94.2
≥ 400	19.0	43.5	49.3	51.9	63.3	67.3	72.7	82.0	86.3	90.9	92.9	93.1	94.5	94.9	95.0	95.0	95.0
≥ 300	19.0	43.5	49.3	51.9	63.3	67.3	72.7	82.0	86.4	91.7	94.1	94.6	96.5	97.0	97.3	97.3	97.3
≥ 200	19.0	43.5	49.3	51.9	63.3	67.3	72.7	82.0	86.4	91.8	94.2	95.0	97.6	98.6	99.0	99.5	99.5
≥ 100	19.0	43.5	49.3	51.9	63.3	67.3	72.7	82.0	86.4	91.8	94.2	95.0	97.6	98.6	99.0	100.0	100.0
0	19.0	43.5	49.3	51.9	63.3	67.3	72.7	82.0	86.4	91.8	94.2	95.0	97.6	98.6	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

779

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	9.0	20.8	22.1	23.1	29.0	30.7	32.8	34.8	37.0	40.2	42.3	43.0	43.3	43.6	43.7	44.3
≥ 20000	9.8	22.5	24.0	25.0	32.2	34.3	36.5	38.9	41.1	44.3	47.1	48.1	48.6	48.9	49.0	49.6
≥ 18000	9.8	22.5	24.0	25.0	32.4	34.4	36.6	39.1	41.3	44.4	47.3	48.2	48.8	49.0	49.2	49.7
≥ 16000	9.8	22.5	24.0	25.0	32.4	34.4	36.6	39.1	41.3	44.4	47.3	48.2	48.8	49.0	49.2	49.7
≥ 14000	9.8	22.5	24.0	25.0	32.4	34.4	36.6	39.1	41.3	44.4	47.3	48.2	48.8	49.0	49.2	49.7
≥ 12000	9.8	23.0	24.5	25.4	32.9	35.0	37.2	39.6	41.8	44.9	47.8	48.8	49.3	49.6	49.7	50.3
≥ 10000	10.1	24.5	26.2	27.2	35.7	38.0	40.2	42.6	44.9	48.1	51.0	51.9	52.5	52.7	52.9	53.4
≥ 9000	10.2	25.5	27.7	29.1	37.7	40.0	42.5	44.9	47.3	50.5	53.4	54.4	54.9	55.2	55.3	55.9
≥ 8000	10.8	26.6	29.0	30.5	39.1	41.5	44.0	46.6	48.9	52.3	55.2	56.1	56.7	57.4	57.5	58.1
≥ 7000	10.8	26.8	29.1	30.6	39.2	41.7	44.1	46.7	49.0	52.5	55.3	56.3	56.8	57.5	57.7	58.2
≥ 6000	10.9	26.9	29.2	30.7	39.3	41.8	44.3	46.9	49.2	52.6	55.5	56.4	57.0	57.7	57.8	58.3
≥ 5000	11.2	28.6	31.0	32.5	42.1	44.7	47.3	50.1	52.5	55.9	58.7	59.7	60.2	60.9	61.1	61.6
≥ 4500	12.7	31.4	33.9	35.5	45.6	48.2	50.8	54.0	56.4	59.8	62.7	63.7	64.2	64.9	65.0	65.6
≥ 4000	13.1	33.1	35.9	37.8	48.0	50.7	53.3	56.7	59.2	62.6	65.4	66.4	66.9	67.6	67.8	68.4
≥ 3500	13.1	33.7	36.7	38.7	48.9	51.6	54.2	57.9	60.4	64.1	66.9	67.9	68.6	69.3	69.4	70.1
≥ 3000	13.7	35.0	39.1	41.3	52.3	55.1	57.7	61.3	63.8	67.5	70.4	71.3	72.0	72.7	72.8	73.5
≥ 2500	13.8	37.7	42.1	44.5	56.3	59.2	62.3	66.3	68.9	72.5	75.4	76.4	77.0	77.7	77.9	78.6
≥ 2000	13.9	38.5	42.9	45.5	57.4	60.7	63.9	67.9	70.6	74.3	77.2	78.1	78.8	79.5	79.6	80.3
≥ 1800	13.9	38.7	43.0	45.8	58.1	61.3	65.2	69.1	72.0	75.7	78.7	79.6	80.3	81.0	81.1	81.8
≥ 1500	13.9	39.3	43.9	46.6	58.9	62.3	66.4	70.4	73.2	76.9	80.1	81.0	81.7	82.4	82.5	83.2
≥ 1200	13.9	39.6	44.3	47.0	59.8	63.4	67.6	71.9	74.9	78.6	82.0	82.9	83.6	84.3	84.4	85.1
≥ 1000	13.9	40.0	44.8	47.5	60.4	64.1	68.3	72.7	75.7	79.4	82.8	83.7	84.4	85.1	85.2	85.9
≥ 900	13.9	40.3	45.5	48.4	61.7	65.7	69.9	74.7	77.7	81.6	85.0	85.9	86.6	87.3	87.4	88.1
≥ 800	13.9	40.3	45.5	48.4	62.0	66.1	70.5	75.3	78.3	82.1	85.5	86.5	87.2	87.8	88.0	88.7
≥ 700	13.9	40.6	45.8	48.8	62.6	66.7	71.2	76.1	79.1	83.1	86.6	87.6	88.3	88.9	89.1	89.8
≥ 600	13.9	40.6	45.8	48.8	62.6	66.8	71.4	76.8	80.1	84.3	88.3	89.3	90.0	90.7	90.8	91.5
≥ 500	13.9	40.6	45.8	48.9	62.7	66.9	71.9	77.6	81.1	85.9	90.0	91.1	91.8	92.5	92.6	93.3
≥ 400	13.9	40.6	45.8	48.9	62.7	66.9	72.0	78.1	81.8	87.4	91.9	93.0	94.1	94.9	95.1	95.8
≥ 300	13.9	40.6	45.8	48.9	62.7	66.9	72.0	78.1	81.8	88.0	93.0	94.1	95.5	96.3	96.4	97.3
≥ 200	13.9	40.6	45.8	48.9	62.7	66.9	72.0	78.1	81.8	88.0	93.0	94.4	95.9	97.0	97.3	98.2
≥ 100	13.9	40.6	45.8	48.9	62.7	66.9	72.0	78.1	81.8	88.0	93.0	94.4	95.9	97.3	97.7	99.9
≥ 0	13.9	40.6	45.8	48.9	62.7	66.9	72.0	78.1	81.8	88.0	93.0	94.4	95.9	97.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

732

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NL

68-77

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	7.4	15.2	17.0	18.2	22.9	24.6	26.8	29.2	30.7	32.8	33.9	34.6	35.3	35.7	36.0	37.1
≥ 20000	9.3	18.6	21.0	22.6	29.0	31.1	34.2	37.2	39.2	41.7	43.1	43.9	44.7	45.2	45.5	46.7
≥ 18000	9.4	18.7	21.1	22.7	29.1	31.2	34.3	37.3	39.3	41.9	43.2	44.0	44.8	45.3	45.6	46.8
≥ 16000	9.4	18.7	21.1	22.7	29.1	31.2	34.3	37.3	39.3	41.9	43.2	44.0	44.8	45.4	45.6	46.8
≥ 14000	9.5	18.9	21.2	22.8	29.2	31.4	34.5	37.5	39.4	42.0	43.4	44.1	45.0	45.5	45.8	47.0
≥ 12000	9.6	19.2	21.6	23.2	29.8	31.9	35.0	38.0	40.0	42.7	44.0	44.8	45.6	46.1	46.4	47.6
≥ 10000	10.2	20.9	23.5	25.3	32.2	34.4	37.8	40.8	42.9	45.7	47.1	47.9	48.7	49.3	49.6	50.9
≥ 9000	10.5	21.8	24.7	26.6	33.8	36.1	39.6	42.8	45.0	47.8	49.2	50.1	50.9	51.6	51.8	53.1
≥ 8000	10.7	22.4	25.4	27.4	34.7	37.1	40.6	44.0	46.2	49.2	50.7	51.6	52.5	53.2	53.5	54.8
≥ 7000	10.7	22.4	25.5	27.5	34.8	37.2	40.7	44.1	46.4	49.4	50.9	51.7	52.7	53.4	53.7	55.0
≥ 6000	10.8	22.6	25.6	27.7	35.0	37.5	41.0	44.4	46.7	49.7	51.2	52.1	53.0	53.7	54.0	55.3
≥ 5000	11.3	23.8	27.0	29.1	37.0	39.6	43.2	47.0	49.3	52.4	54.0	54.9	55.9	56.6	56.9	58.2
≥ 4500	12.5	26.0	29.3	31.5	39.9	42.5	46.1	50.1	52.4	55.6	57.1	58.1	59.1	59.8	60.1	61.4
≥ 4000	13.1	28.1	31.7	34.1	42.9	45.6	49.4	53.4	55.9	59.1	60.7	61.7	62.7	63.4	63.7	65.1
≥ 3500	14.0	30.0	33.7	36.3	45.5	48.3	52.1	56.4	58.9	62.2	63.9	64.8	65.9	66.6	66.9	68.2
≥ 3000	14.6	31.6	35.7	38.4	48.3	51.2	55.1	59.5	62.1	65.5	67.2	68.2	69.2	69.9	70.2	71.6
≥ 2500	15.1	33.2	37.5	40.4	50.7	53.8	57.8	62.3	65.0	68.5	70.2	71.1	72.2	73.0	73.3	74.6
≥ 2000	15.4	34.6	39.2	42.8	52.9	56.2	60.4	65.0	67.8	71.4	73.1	74.1	75.2	76.0	76.3	77.6
≥ 1800	15.5	35.0	39.8	43.0	54.0	57.3	61.7	66.4	69.2	72.8	74.5	75.5	76.7	77.4	77.7	79.1
≥ 1500	15.5	35.7	40.7	44.0	55.5	58.9	63.4	68.3	71.2	74.8	76.6	77.6	78.7	79.4	79.8	81.1
≥ 1200	15.5	36.1	41.4	44.8	56.8	60.5	65.2	70.2	73.3	76.9	78.7	79.7	80.9	81.6	81.9	83.3
≥ 1000	15.5	36.3	41.5	44.9	57.3	61.0	65.8	71.0	74.2	77.9	79.7	80.7	81.9	82.6	82.9	84.3
≥ 900	15.5	36.3	41.6	45.2	58.1	62.0	67.0	72.4	75.6	79.3	81.2	82.2	83.4	84.1	84.4	85.8
≥ 800	15.5	36.4	41.7	45.3	58.4	62.6	67.7	73.3	76.6	80.4	82.2	83.3	84.5	85.3	85.6	86.9
≥ 700	15.5	36.4	41.8	45.4	58.7	63.0	68.2	74.2	77.5	81.3	83.2	84.3	85.6	86.3	86.7	88.0
≥ 600	15.5	36.4	41.8	45.4	58.9	63.2	68.7	75.2	78.9	83.1	85.1	86.3	87.6	88.4	88.7	90.1
≥ 500	15.5	36.5	41.9	45.5	59.0	63.4	69.0	75.8	79.9	84.6	86.8	88.0	89.5	90.3	90.7	92.1
≥ 400	15.5	36.5	41.9	45.5	59.0	63.5	69.1	76.2	80.4	85.5	88.1	89.3	91.0	92.0	92.5	93.9
≥ 300	15.5	36.5	41.9	45.5	59.0	63.5	69.2	76.3	80.6	86.0	88.9	90.3	92.4	93.7	94.2	95.8
≥ 200	15.5	36.5	41.9	45.5	59.0	63.5	69.2	76.3	80.6	86.1	89.0	90.6	92.9	94.6	95.3	98.0
≥ 100	15.5	36.5	41.9	45.5	59.0	63.5	69.2	76.3	80.6	86.1	89.0	90.6	93.0	94.9	95.7	99.7
≥ 0	15.5	36.5	41.9	45.5	59.0	63.5	69.2	76.3	80.6	86.1	89.0	90.6	93.0	94.9	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS

5946

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG MI
STATION NAME

68-77
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅕	≥ 0
NO CEILING ≥ 20000	9.7 10.3	16.3 18.3	19.1 21.1	20.0 22.3	23.3 26.4	24.1 27.4	24.9 28.5	26.2 29.9	27.3 31.0	27.7 31.4	27.7 31.4	27.8 31.5	27.8 31.5	28.1 31.8	28.2 31.9	29.4 33.1
≥ 18000 ≥ 16000	10.3 10.3	18.4 18.4	21.2 21.2	22.4 22.4	26.5 26.5	27.5 27.5	28.6 28.6	30.1 30.1	31.1 31.1	31.5 31.5	31.7 31.7	31.8 31.8	31.8 31.8	32.1 32.1	32.2 32.2	33.4 33.4
≥ 14000 ≥ 12000	10.3 10.5	18.4 18.7	21.2 21.5	22.4 22.6	26.5 26.8	27.5 27.8	28.6 28.9	30.1 30.3	31.1 31.4	31.5 31.8	31.7 31.9	31.8 32.1	31.8 32.1	32.1 32.1	32.2 32.3	33.4 33.6
≥ 10000 ≥ 9000	11.1 11.4	21.1 22.1	24.0 25.2	25.3 26.5	29.5 30.7	30.7 31.9	31.9 33.1	33.5 34.7	34.8 36.0	35.4 37.0	35.5 37.1	35.6 37.2	35.6 37.2	35.9 37.5	36.0 37.6	37.2 38.8
≥ 8000 ≥ 7000	11.4 11.4	22.3 22.3	25.3 25.7	26.8 27.2	31.3 31.8	32.5 33.1	33.6 34.4	35.4 36.2	36.8 37.6	37.7 38.5	37.9 38.7	38.0 38.8	38.0 38.8	38.3 39.1	38.4 39.2	39.6 40.4
≥ 6000 ≥ 5000	11.9 12.3	22.8 25.3	26.2 28.7	27.7 30.3	32.3 35.0	33.6 36.4	35.1 37.9	37.0 40.1	38.4 41.6	39.5 42.6	39.6 42.8	39.7 42.9	39.7 42.9	40.0 43.2	40.1 43.3	41.3 44.5
≥ 4500 ≥ 4000	13.2 14.7	27.0 29.4	30.6 33.1	32.2 34.7	36.8 39.7	38.4 41.5	40.1 43.3	42.8 46.2	44.2 47.7	45.3 48.9	45.4 49.1	45.6 49.3	45.6 49.3	45.8 49.5	46.0 49.7	47.2 50.9
≥ 3500 ≥ 3000	15.6 16.8	31.9 35.6	36.0 40.5	38.3 43.2	43.7 49.0	45.4 50.9	47.3 52.7	50.3 55.9	51.8 57.4	53.1 58.9	53.4 59.2	53.5 59.3	53.5 59.3	53.8 59.6	53.9 59.7	55.1 60.9
≥ 2500 ≥ 2000	17.0 17.2	37.5 40.1	42.6 45.4	45.6 48.7	51.4 55.0	53.4 57.2	55.4 59.3	58.8 62.9	60.4 64.8	62.3 66.9	62.5 67.2	62.6 67.3	62.6 67.3	62.9 67.5	63.0 67.7	64.2 68.9
≥ 1800 ≥ 1500	17.2 17.2	40.3 41.3	45.8 47.2	49.1 50.5	55.6 58.4	58.3 61.2	60.7 63.7	64.4 67.7	66.2 69.5	68.3 71.7	68.6 71.9	68.7 72.1	68.7 72.1	69.0 72.3	69.1 72.5	70.3 73.6
≥ 1200 ≥ 1000	17.5 17.5	41.9 42.1	48.2 49.1	51.7 52.7	60.4 61.6	63.8 65.2	66.5 67.8	71.1 72.7	73.2 75.0	75.4 77.1	75.8 77.5	75.9 77.6	75.9 77.6	76.2 77.9	76.3 78.0	77.5 79.2
≥ 900 ≥ 800	17.6 17.7	42.3 42.5	49.5 49.8	53.1 53.8	62.5 63.3	66.4 67.4	69.0 70.5	74.6 76.7	76.8 79.2	78.9 81.5	79.3 81.9	79.5 82.0	79.6 82.1	79.9 82.4	80.0 82.5	81.2 83.7
≥ 700 ≥ 600	17.7 17.7	42.6 42.6	50.1 50.1	54.0 54.0	63.7 63.7	67.9 68.2	71.1 71.4	77.9 78.7	80.8 82.4	83.0 84.6	83.4 85.0	83.6 85.2	83.7 85.3	84.0 85.7	84.1 85.8	85.3 87.0
≥ 500 ≥ 400	17.7 17.7	42.6 42.6	50.2 50.3	54.2 54.3	64.1 64.2	68.9 69.0	72.5 72.7	80.9 81.7	84.9 86.2	87.9 90.1	88.5 91.1	88.6 91.3	88.6 91.9	89.0 92.5	89.4 92.6	90.7 93.8
≥ 300 ≥ 200	17.7 17.7	42.6 42.6	50.3 50.3	54.3 54.3	64.2 64.2	69.0 69.0	72.7 72.7	82.1 82.1	86.8 86.9	91.0 91.1	92.6 92.7	92.8 93.0	92.8 93.0	93.9 94.6	94.6 95.4	95.9 98.1
≥ 100 0	17.7 17.7	42.6 42.6	50.3 50.3	54.3 54.3	64.2 64.2	69.0 69.0	72.7 72.7	82.1 82.1	86.9 86.9	91.1 91.1	92.7 92.7	93.0 93.0	93.0 93.0	94.6 94.6	95.6 95.6	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS

120 755

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

NDV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	8.0	17.0	18.2	19.7	21.9	22.5	23.4	24.4	24.8	25.9	26.2	26.2	26.9	27.2	27.6	28.0
≥ 20000	8.0	18.1	19.4	21.0	23.6	24.3	25.2	26.3	26.9	28.1	28.6	28.6	29.2	29.5	29.9	30.5
≥ 18000	8.0	18.2	19.6	21.1	23.7	24.4	25.4	26.5	27.0	28.3	28.7	28.7	29.4	29.7	30.1	30.6
≥ 16000	8.0	18.2	19.6	21.1	23.7	24.4	25.4	26.5	27.0	28.3	28.7	28.7	29.4	29.7	30.1	30.6
≥ 14000	8.0	18.5	19.9	21.4	24.0	24.7	25.7	26.8	27.3	28.6	29.0	29.0	29.7	29.9	30.3	30.9
≥ 12000	8.0	18.5	19.9	21.4	24.0	24.8	25.8	27.0	27.6	28.8	29.2	29.2	29.9	30.2	30.6	31.2
≥ 10000	8.3	19.6	21.5	23.0	25.8	26.6	27.6	28.8	29.5	31.0	31.4	31.4	32.1	32.4	32.8	33.4
≥ 9000	8.3	20.3	22.3	23.9	26.6	27.4	28.4	29.7	30.3	31.9	32.3	32.3	33.0	33.2	33.7	34.2
≥ 8000	8.4	20.6	22.6	24.4	27.2	28.0	29.0	30.6	31.6	33.8	34.2	34.2	34.9	35.2	35.6	36.1
≥ 7000	8.4	20.6	22.6	24.4	27.2	28.1	29.2	31.0	32.0	34.2	34.6	34.6	35.3	35.6	36.0	36.6
≥ 6000	8.7	21.1	23.2	25.0	27.7	28.7	29.8	31.6	32.6	34.9	35.3	35.3	36.0	36.3	36.7	37.2
≥ 5000	8.8	22.6	25.4	27.4	30.3	31.6	32.7	35.3	36.4	38.8	39.2	39.2	39.9	40.1	40.6	41.1
≥ 4500	9.5	24.3	27.3	29.4	32.8	34.1	35.6	38.9	40.0	42.6	43.0	43.0	43.7	44.0	44.4	45.0
≥ 4000	9.8	27.2	30.3	32.6	36.3	37.7	39.6	43.0	44.3	47.2	47.7	47.7	48.4	48.7	49.1	49.7
≥ 3500	10.8	29.4	33.4	35.6	40.6	42.1	44.0	47.6	48.8	51.9	52.4	52.4	53.1	53.4	53.8	54.3
≥ 3000	12.1	33.2	38.2	41.0	46.5	48.0	50.2	53.8	55.0	58.2	58.9	58.9	59.6	59.9	60.3	60.8
≥ 2500	12.7	36.0	41.0	43.9	49.8	51.4	53.7	57.4	58.8	61.9	62.6	62.6	63.3	63.6	64.0	64.6
≥ 2000	13.1	37.5	42.6	45.9	52.3	54.2	56.8	60.7	62.1	65.5	66.2	66.2	66.9	67.2	67.6	68.1
≥ 1800	13.1	38.1	43.2	46.6	53.7	55.6	58.5	62.5	63.9	67.3	68.0	68.0	68.7	69.0	69.4	69.9
≥ 1500	13.4	39.4	44.8	48.3	56.0	58.2	61.4	65.4	67.0	70.5	71.2	71.2	71.9	72.1	72.6	73.1
≥ 1200	13.4	39.9	45.7	49.2	58.8	61.2	64.8	69.0	70.6	74.3	75.0	75.0	75.7	76.0	76.4	77.0
≥ 1000	13.4	40.1	45.9	49.9	59.6	62.2	65.8	69.9	71.6	75.3	76.0	76.0	76.7	77.0	77.4	77.9
≥ 900	13.4	40.3	46.1	50.1	60.7	63.6	68.0	72.1	73.8	77.5	78.2	78.2	78.9	79.2	79.6	80.1
≥ 800	13.4	40.4	46.2	50.2	61.0	64.3	69.2	74.2	76.3	80.0	80.7	80.7	81.4	81.7	82.1	82.6
≥ 700	13.4	40.4	46.2	50.2	61.5	64.8	69.8	75.4	77.5	81.4	82.1	82.1	82.8	83.0	83.4	84.0
≥ 600	13.4	40.4	46.2	50.2	61.7	65.5	70.6	77.0	79.6	83.7	84.6	84.6	85.2	85.5	85.9	86.5
≥ 500	13.4	40.4	46.2	50.2	61.8	65.7	71.0	78.3	81.2	86.2	87.0	87.0	87.7	88.1	88.7	89.2
≥ 400	13.4	40.4	46.2	50.2	61.8	65.8	71.2	78.5	81.4	87.0	88.3	88.3	89.1	89.5	90.1	90.6
≥ 300	13.4	40.4	46.2	50.2	61.9	65.9	71.3	78.9	82.5	89.5	91.6	91.7	93.0	93.9	94.6	95.2
≥ 200	13.4	40.4	46.2	50.2	61.9	65.9	71.3	78.9	82.5	89.7	92.0	92.1	93.5	94.6	95.6	96.7
≥ 100	13.4	40.4	46.2	50.2	61.9	65.9	71.3	78.9	82.5	89.7	92.0	92.1	93.5	94.6	95.6	99.3
≥ 0	13.4	40.4	46.2	50.2	61.9	65.9	71.3	78.9	82.5	89.7	92.0	92.1	93.5	94.6	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS

725

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

68-77

NDV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.4	12.2	13.6	14.4	17.6	18.2	19.2	20.0	20.6	22.1	22.4	22.5	23.2	23.3	23.6	24.3
≥ 20000	5.4	13.3	14.9	15.7	19.2	19.7	21.4	22.4	23.1	24.9	25.1	25.3	26.0	26.1	26.4	27.1
IV 18000	5.4	13.3	14.9	15.7	19.2	19.7	21.4	22.4	23.1	24.9	25.1	25.3	26.0	26.1	26.4	27.1
IV 16000	5.4	13.3	14.9	15.7	19.2	19.7	21.4	22.4	23.1	24.9	25.1	25.3	26.0	26.1	26.4	27.1
IV 14000	5.4	13.3	14.9	15.7	19.2	19.7	21.4	22.4	23.1	24.9	25.1	25.3	26.0	26.1	26.4	27.1
IV 12000	5.6	13.8	15.3	16.1	19.6	20.1	21.8	22.8	23.5	25.3	25.6	25.7	26.4	26.5	26.8	27.5
IV 10000	5.8	14.7	16.5	17.5	21.0	21.7	23.3	24.3	25.0	27.1	27.4	27.6	28.3	28.5	28.8	29.4
IV 9000	6.1	15.0	16.8	17.8	21.3	21.9	23.6	25.0	25.7	27.8	28.2	28.6	29.3	29.4	29.7	30.4
IV 8000	6.4	15.8	17.9	18.9	22.5	23.2	25.0	26.5	27.2	29.7	30.1	30.6	31.3	31.4	31.7	32.4
IV 7000	6.4	15.8	17.9	18.9	22.5	23.2	25.0	26.5	27.2	29.7	30.1	30.6	31.3	31.4	31.7	32.4
IV 6000	6.5	16.0	18.1	19.0	22.6	23.3	25.1	26.7	27.4	29.9	30.3	30.7	31.4	31.5	31.8	32.5
IV 5000	7.4	18.8	21.4	22.5	26.9	27.6	30.3	31.9	32.8	35.8	36.3	36.7	37.4	37.6	37.9	38.6
IV 4500	7.9	20.1	22.8	23.9	28.5	29.2	31.9	34.2	35.0	38.2	38.6	39.0	39.7	40.0	40.3	41.0
IV 4000	8.5	23.3	26.0	27.1	32.6	33.5	36.3	38.5	39.6	43.3	43.8	44.2	44.9	45.1	45.4	46.1
IV 3500	9.0	27.1	30.3	31.7	37.4	38.5	41.7	44.3	46.0	49.9	50.4	50.8	51.5	51.8	52.1	52.8
IV 3000	11.0	31.7	35.3	36.9	43.6	45.0	48.3	51.3	53.2	57.1	57.6	58.5	59.2	59.4	59.7	60.4
IV 2500	11.3	33.1	37.2	39.2	46.3	47.8	51.3	54.2	56.1	60.1	60.7	61.5	62.2	62.5	62.8	63.5
IV 2000	11.3	34.7	39.0	41.3	48.5	50.1	53.6	56.8	58.9	62.9	63.5	64.3	65.0	65.3	65.6	66.3
IV 1800	11.3	35.8	40.6	42.8	50.4	52.2	55.8	59.4	61.5	65.6	66.1	66.9	67.6	67.9	68.2	68.9
IV 1500	11.3	36.7	41.5	43.9	52.1	54.0	57.9	61.7	63.8	68.1	68.6	69.4	70.1	70.4	70.7	71.4
IV 1200	11.3	36.9	42.4	44.9	54.7	56.9	61.0	64.7	66.9	71.3	71.8	72.6	73.3	73.6	73.9	74.6
IV 1000	11.3	37.2	42.9	45.4	55.6	57.9	62.1	66.0	68.2	72.9	73.5	74.4	75.1	75.4	75.7	76.4
IV 900	11.3	37.2	43.1	45.6	56.0	58.8	63.2	67.1	69.6	74.4	75.0	76.0	76.7	76.9	77.2	77.9
IV 800	11.3	37.4	43.3	45.8	56.8	59.7	64.4	68.5	71.1	76.3	76.8	77.9	78.6	78.9	79.2	79.9
IV 700	11.3	37.5	43.5	46.0	57.5	60.7	65.8	70.7	73.3	78.6	79.4	80.6	81.3	81.5	81.8	82.6
IV 600	11.3	37.6	43.6	46.1	57.9	61.4	66.8	72.9	76.5	82.2	83.2	84.3	85.0	85.3	85.6	86.4
IV 500	11.3	37.6	43.6	46.1	58.1	61.5	67.2	73.8	77.9	84.0	85.1	86.4	87.2	87.8	88.1	88.9
IV 400	11.3	37.6	43.6	46.1	58.2	61.7	67.4	74.0	78.3	84.7	86.4	87.8	88.6	89.2	89.4	90.3
IV 300	11.3	37.6	43.6	46.1	58.2	61.7	67.4	74.0	78.6	85.3	87.4	89.2	90.1	90.7	91.5	92.4
IV 200	11.3	37.6	43.6	46.1	58.2	61.7	67.4	74.0	78.6	85.4	87.8	90.0	91.9	92.9	93.8	94.2
IV 100	11.3	37.6	43.6	46.1	58.2	61.7	67.4	74.0	78.6	85.4	87.8	90.1	92.2	93.3	94.2	94.4
IV 0	11.3	37.6	43.6	46.1	58.2	61.7	67.4	74.0	78.6	85.4	87.8	90.1	92.2	93.3	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

NRIV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	7.5	13.8	15.0	15.6	17.2	18.1	19.3	19.9	21.1	21.6	21.7	21.7	21.9	22.2	22.2	22.5
≥ 20000	10.5	19.2	20.7	21.4	24.0	25.3	26.9	28.1	29.9	30.4	30.5	30.8	31.1	31.4	31.4	31.7
≥ 18000	10.5	19.3	20.8	21.7	24.3	25.6	27.2	28.4	30.2	30.7	30.8	31.1	31.4	31.7	31.7	32.0
≥ 16000	10.5	19.3	20.8	21.7	24.3	25.6	27.2	28.4	30.2	30.7	30.8	31.1	31.4	31.7	31.9	32.2
≥ 14000	10.5	19.3	20.8	21.7	24.3	25.6	27.2	28.4	30.4	30.8	31.0	31.4	31.7	32.0	32.0	32.3
≥ 12000	10.5	19.3	20.8	21.7	24.3	25.6	27.4	28.6	30.5	31.0	31.1	31.6	31.9	32.2	32.2	32.5
≥ 10000	11.1	20.7	22.2	23.2	26.5	27.8	29.8	31.4	33.7	34.7	34.9	35.3	35.6	35.9	35.9	36.2
≥ 9000	11.2	21.7	23.2	24.4	28.0	29.3	31.4	33.2	35.6	36.8	37.1	37.7	38.0	38.3	38.3	38.6
≥ 8000	11.2	22.2	23.8	25.0	29.0	30.7	32.8	34.6	37.1	38.5	38.8	39.4	39.7	40.0	40.0	40.3
≥ 7000	11.2	22.2	23.8	25.0	29.0	30.7	32.8	34.6	37.1	38.5	38.8	39.4	39.7	40.0	40.0	40.3
≥ 6000	11.2	22.3	24.0	25.1	29.2	30.8	33.1	35.2	37.7	39.2	39.5	40.1	40.4	40.7	40.7	41.0
≥ 5000	11.7	23.8	25.7	27.1	31.6	33.2	35.9	38.2	40.7	42.2	42.5	43.1	43.6	43.9	43.9	44.2
≥ 4500	13.2	26.0	28.3	29.8	34.7	36.5	39.4	41.8	44.3	46.0	46.4	47.0	47.5	47.8	47.8	48.1
≥ 4000	14.4	28.4	30.7	32.5	38.2	40.3	43.6	46.3	49.1	51.5	52.1	52.7	53.1	53.4	53.4	53.7
≥ 3500	15.7	31.0	33.4	35.2	41.5	43.7	47.5	50.1	53.3	56.0	56.7	57.3	57.8	58.1	58.1	58.4
≥ 3000	16.3	32.0	34.7	36.7	43.3	45.5	49.3	52.1	55.4	58.4	59.3	60.0	60.5	60.8	60.8	61.1
≥ 2500	16.8	33.1	36.1	38.2	45.1	47.3	51.2	54.3	57.8	60.9	61.8	62.6	63.0	63.3	63.3	63.6
≥ 2000	17.4	35.2	38.8	41.3	48.8	51.0	54.9	58.4	62.0	65.3	66.2	66.9	67.4	67.7	67.7	68.0
≥ 1800	17.4	35.8	39.5	42.1	49.9	52.1	56.1	59.6	63.2	66.6	67.5	68.3	68.7	69.0	69.0	69.3
≥ 1500	17.7	36.8	41.0	43.9	52.4	54.8	59.0	62.4	66.0	69.6	70.5	71.3	71.7	72.0	72.0	72.3
≥ 1200	17.7	37.6	42.2	45.4	55.1	57.6	62.6	66.5	70.2	74.3	75.1	75.9	76.3	76.6	76.6	76.9
≥ 1000	17.7	37.6	42.5	45.7	56.1	58.7	63.9	67.8	71.6	75.6	76.6	77.4	77.8	78.1	78.1	78.4
≥ 900	17.7	37.6	42.5	45.7	56.6	59.1	65.0	69.0	72.9	77.2	78.3	79.0	79.5	79.8	79.8	80.1
≥ 800	17.7	37.6	42.5	45.7	57.5	60.0	66.0	70.5	74.7	79.0	80.1	80.8	81.4	81.9	81.9	82.2
≥ 700	17.7	37.7	42.7	45.8	57.8	60.5	66.6	71.3	75.4	79.8	80.8	81.6	82.2	82.6	82.6	82.9
≥ 600	17.7	37.7	42.7	46.0	58.2	61.1	67.7	73.2	77.8	82.6	83.7	84.4	85.0	85.8	85.8	86.1
≥ 500	17.7	37.7	42.7	46.0	58.5	61.7	68.7	74.6	79.5	84.9	86.1	86.8	87.7	88.5	88.6	88.9
≥ 400	17.7	37.7	42.7	46.0	58.5	61.8	68.9	74.7	79.9	86.1	87.6	88.3	89.5	90.6	90.7	91.0
≥ 300	17.7	37.7	42.7	46.0	58.5	61.8	68.9	74.9	80.2	86.8	88.8	89.7	91.2	92.7	93.0	93.9
≥ 200	17.7	37.7	42.7	46.0	58.5	61.8	68.9	74.9	80.2	86.8	88.8	89.7	91.8	93.7	94.3	98.2
≥ 100	17.7	37.7	42.7	46.0	58.5	61.8	68.9	74.9	80.2	86.8	88.8	89.7	91.8	93.7	94.5	99.7
≥ 0	17.7	37.7	42.7	46.0	58.5	61.8	68.9	74.9	80.2	86.8	88.8	89.7	91.8	93.7	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS

668

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NJ

68-77

YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	10.7 13.2	16.8 22.3	17.1 22.7	17.4 23.1	19.6 26.7	20.1 27.8	20.8 29.9	21.5 31.0	21.8 31.3	21.8 31.4	21.8 31.4	21.8 31.4	21.8 31.4	21.8 31.7	21.8 31.7	21.9 31.8
≥ 18000 ≥ 16000	13.2 13.2	22.3 22.3	22.7 22.7	23.3 23.3	26.9 26.9	28.0 28.0	30.0 30.0	31.1 31.1	31.4 31.4	31.5 31.5	31.5 31.5	31.5 31.5	31.5 31.5	31.8 31.8	31.8 31.8	32.0 32.0
≥ 14000 ≥ 12000	13.4 13.4	22.5 22.5	22.9 22.9	23.4 23.7	27.0 27.5	28.1 28.7	30.2 30.7	31.3 31.8	31.5 32.1	31.7 32.2	31.7 32.2	31.7 32.2	31.7 32.2	32.0 32.5	32.0 32.5	32.1 32.6
≥ 10000 ≥ 9000	14.6 14.6	24.4 25.1	25.1 25.8	26.2 27.1	31.0 32.4	32.4 34.2	34.8 37.1	36.0 38.3	36.2 38.6	36.4 38.7	36.4 38.7	36.4 38.7	36.4 38.7	36.6 39.0	36.6 39.0	36.8 39.1
≥ 8000 ≥ 7000	14.6 14.6	25.3 25.3	26.0 26.0	27.4 27.4	32.8 32.8	34.7 34.7	37.6 37.6	39.0 39.0	39.4 39.4	39.7 39.7	39.7 39.7	39.7 39.7	39.7 39.7	39.9 39.9	39.9 39.9	40.1 40.1
≥ 6000 ≥ 5000	14.7 16.4	25.5 27.8	26.2 28.5	27.5 29.9	32.9 36.4	34.8 38.6	37.7 41.5	39.1 42.8	39.5 43.4	39.8 43.7	39.8 43.7	39.8 43.7	39.8 43.7	40.1 43.9	40.1 43.9	40.2 44.1
≥ 4500 ≥ 4000	17.1 18.7	29.3 32.1	30.0 32.9	31.5 34.7	38.0 43.0	41.0 45.2	44.5 48.9	45.9 50.7	46.8 51.9	47.1 52.3	47.1 52.3	47.1 52.3	47.1 52.3	47.4 52.6	47.4 52.6	47.5 52.8
≥ 3500 ≥ 3000	19.8 20.4	34.7 36.4	35.8 37.5	37.6 39.3	46.0 47.8	48.2 50.4	52.2 54.5	54.0 56.7	55.2 58.4	55.6 58.8	55.6 58.8	55.6 58.8	55.6 58.8	55.9 59.1	55.9 59.1	56.1 59.2
≥ 2500 ≥ 2000	22.2 23.1	39.4 42.3	40.8 43.9	42.6 46.0	51.5 55.6	54.3 58.4	58.4 62.8	60.6 65.2	62.3 66.8	62.7 67.2	62.7 67.2	62.7 67.2	62.7 67.2	62.9 67.5	62.9 67.5	63.1 67.6
≥ 1800 ≥ 1500	23.8 24.4	43.9 47.2	46.1 49.6	48.2 51.7	58.4 62.7	61.2 65.7	65.7 70.4	68.0 73.0	69.7 74.7	70.1 75.2	70.1 75.2	70.1 75.2	70.1 75.2	70.4 75.5	70.4 75.5	70.5 75.6
≥ 1200 ≥ 1000	24.4 24.4	48.1 48.1	50.8 51.0	52.9 53.0	65.2 65.3	68.6 68.7	73.8 74.5	76.4 77.1	78.2 78.9	78.8 79.8	78.8 79.8	78.8 79.8	78.8 79.8	79.1 80.0	79.1 80.0	79.2 80.2
≥ 900 ≥ 800	24.4 24.4	48.1 48.1	51.1 51.1	53.3 53.3	66.4 66.7	70.2 70.8	76.4 77.3	79.8 81.4	81.5 83.7	82.5 84.8	82.5 84.8	82.5 84.8	82.5 84.8	82.8 85.1	82.8 85.1	82.9 85.3
≥ 700 ≥ 600	24.4 24.4	48.1 48.1	51.1 51.1	53.3 53.3	66.7 67.1	71.1 71.6	77.8 78.5	82.5 83.3	84.8 86.5	86.0 87.7	86.1 88.0	86.2 88.2	86.2 88.2	86.5 88.4	86.5 88.6	86.6 88.7
≥ 500 ≥ 400	24.4 24.4	48.2 48.2	51.2 51.2	53.4 53.4	67.5 67.5	72.2 72.2	79.1 79.2	84.6 84.8	87.7 88.3	89.3 90.2	89.9 91.0	90.1 91.3	90.1 92.0	90.4 92.3	90.5 92.6	90.6 92.7
≥ 300 ≥ 200	24.4 24.4	48.2 48.2	51.2 51.2	53.4 53.4	67.5 67.5	72.2 72.2	79.2 79.2	85.0 85.0	88.8 88.8	91.5 91.5	92.6 92.6	93.0 93.3	94.6 95.2	95.6 96.8	96.1 97.5	96.7 99.3
≥ 100 0	24.4 24.4	48.2 48.2	51.2 51.2	53.4 53.4	67.5 67.5	72.2 72.2	79.2 79.2	85.0 85.0	88.8 88.8	91.5 91.5	92.6 92.6	93.4 93.4	95.3 95.3	97.0 97.0	97.7 97.7	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

726

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	10.9	16.1	16.4	16.8	18.0	18.3	19.2	19.8	20.2	20.4	20.4	20.4	20.5	20.5	20.5	20.5
≥ 20000	14.9	24.3	25.1	26.2	28.4	29.3	31.3	32.4	33.0	33.3	33.3	33.3	33.8	33.9	33.9	33.9
≥ 18000	14.9	24.3	25.1	26.2	28.4	29.3	31.3	32.4	33.0	33.3	33.3	33.3	33.8	33.9	33.9	33.9
≥ 16000	14.9	24.3	25.1	26.2	28.4	29.3	31.3	32.4	33.0	33.3	33.3	33.3	33.8	33.9	33.9	33.9
≥ 14000	14.9	24.3	25.1	26.2	28.4	29.3	31.3	32.4	33.0	33.3	33.3	33.3	33.8	33.9	33.9	33.9
≥ 12000	15.0	24.4	25.3	26.3	28.6	29.8	32.0	33.3	33.9	34.2	34.2	34.2	34.7	34.8	34.8	34.8
≥ 10000	15.5	27.2	28.4	29.5	32.3	33.6	36.0	37.4	37.9	38.2	38.2	38.2	38.7	38.8	38.8	38.8
≥ 9000	15.6	28.6	29.9	31.4	34.8	36.2	38.5	39.9	40.5	40.8	40.8	40.8	41.2	41.4	41.4	41.4
≥ 8000	15.8	29.2	30.7	32.1	35.9	37.2	39.6	40.9	41.5	41.8	41.8	41.8	42.3	42.4	42.4	42.4
≥ 7000	15.8	29.2	30.7	32.1	35.9	37.2	39.6	40.9	41.5	41.8	41.8	41.8	42.3	42.4	42.4	42.4
≥ 6000	15.8	29.2	30.7	32.1	36.0	37.4	39.7	41.1	41.7	42.0	42.0	42.0	42.4	42.6	42.6	42.6
≥ 5000	16.7	30.4	31.8	33.3	37.6	39.0	41.5	43.2	43.8	44.0	44.0	44.0	44.6	44.9	44.9	44.9
≥ 4500	18.0	32.1	33.8	35.3	39.9	41.2	43.9	45.7	46.4	46.9	46.9	46.9	47.5	47.8	47.8	47.8
≥ 4000	19.0	35.4	37.5	39.3	44.8	46.1	49.0	51.2	52.1	52.5	52.5	52.5	53.1	53.4	53.4	53.4
≥ 3500	20.5	38.8	40.9	42.7	48.4	49.7	52.7	54.9	56.0	56.4	56.5	56.7	57.3	57.6	57.6	57.6
≥ 3000	21.9	41.1	43.2	44.9	51.6	53.0	56.0	58.2	59.2	60.0	60.1	60.3	60.9	61.2	61.2	61.2
≥ 2500	23.4	43.9	46.1	48.1	56.3	57.7	60.7	62.9	64.0	64.7	64.9	65.0	65.6	65.9	65.9	65.9
≥ 2000	23.8	46.3	48.7	50.7	59.4	61.0	64.1	66.5	67.7	68.6	68.8	68.9	69.5	69.8	69.8	69.8
≥ 1800	24.1	46.7	49.4	51.8	60.9	62.6	65.9	68.3	69.5	70.4	70.7	70.8	71.4	71.7	71.7	71.7
≥ 1500	24.1	48.2	50.9	53.3	63.2	65.2	68.8	71.3	72.5	73.5	73.8	74.0	74.6	74.9	74.9	74.9
≥ 1200	24.3	48.8	51.5	54.2	64.7	67.3	71.1	73.8	75.4	76.6	76.9	77.1	77.7	78.0	78.0	78.0
≥ 1000	24.3	48.8	51.5	54.2	65.6	68.3	72.5	75.6	77.4	78.7	79.0	79.2	79.8	80.1	80.1	80.1
≥ 900	24.3	48.8	51.6	54.6	66.5	69.2	73.4	76.8	78.6	79.9	80.4	80.5	81.1	81.4	81.4	81.4
≥ 800	24.3	49.1	51.9	54.9	67.0	69.8	74.4	78.9	81.0	82.6	83.2	83.3	83.9	84.2	84.2	84.2
≥ 700	24.3	49.4	52.2	55.2	67.7	70.5	75.4	80.4	82.7	84.5	85.3	85.4	86.0	86.3	86.3	86.3
≥ 600	24.3	49.4	52.2	55.2	67.7	70.7	76.5	81.7	84.4	87.2	88.1	88.4	89.0	89.3	89.3	89.3
≥ 500	24.3	49.4	52.4	55.4	67.9	70.8	76.6	82.4	85.7	89.0	90.0	90.3	90.9	91.2	91.2	91.2
≥ 400	24.3	49.4	52.4	55.4	67.9	70.8	76.6	82.7	86.5	89.7	90.8	91.2	92.3	92.7	92.7	92.7
≥ 300	24.3	49.4	52.4	55.4	67.9	70.8	76.6	82.7	87.1	90.5	92.1	92.7	94.3	95.7	95.7	95.8
≥ 200	24.3	49.4	52.4	55.4	67.9	70.8	76.6	82.9	87.2	91.1	92.6	93.3	95.4	97.5	97.5	98.1
≥ 100	24.3	49.4	52.4	55.4	67.9	70.8	76.6	82.9	87.2	91.1	92.6	93.3	95.5	97.6	97.8	100.0
≥ 0	24.3	49.4	52.4	55.4	67.9	70.8	76.6	82.9	87.2	91.1	92.6	93.3	95.5	97.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

672

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SIDESTERBERG NJ

8-77

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	9.0	16.5	17.1	18.5	19.5	20.2	21.1	21.9	22.7	23.1	23.4	23.8	24.0	24.0	24.0	24.2
≥ 20000	10.9	20.7	21.8	23.4	25.2	25.9	27.6	28.6	29.5	30.0	30.4	30.9	31.2	31.3	31.3	31.5
≥ 18000	10.9	20.7	21.8	23.4	25.2	25.9	27.6	28.6	29.5	30.0	30.4	30.9	31.2	31.3	31.3	31.5
≥ 16000	10.9	20.7	21.8	23.4	25.2	25.9	27.6	28.6	29.5	30.0	30.4	30.9	31.2	31.3	31.3	31.5
≥ 14000	10.9	20.7	21.8	23.4	25.2	25.9	27.6	28.6	29.5	30.0	30.4	30.9	31.2	31.3	31.3	31.5
≥ 12000	11.2	21.1	22.2	23.8	25.4	26.3	28.3	29.2	30.1	30.7	31.1	31.6	31.9	32.0	32.0	32.1
≥ 10000	11.7	23.2	24.6	26.2	28.2	29.0	31.1	32.4	33.3	33.9	34.3	34.8	35.1	35.2	35.2	35.3
≥ 9000	12.1	24.0	25.4	27.2	29.2	30.0	32.5	34.1	35.1	35.7	36.1	36.7	37.1	37.5	37.5	37.6
≥ 8000	12.1	25.0	26.4	28.4	30.8	31.7	34.5	36.3	37.2	37.8	38.2	38.8	39.2	39.6	39.6	39.7
≥ 7000	12.1	25.2	26.7	28.7	31.3	32.3	35.1	36.8	37.7	38.4	38.8	39.3	39.7	40.1	40.1	40.2
≥ 6000	12.4	25.5	27.0	29.0	31.9	32.8	35.6	37.3	38.2	38.9	39.3	39.8	40.2	40.6	40.6	40.8
≥ 5000	12.9	27.4	29.0	31.1	34.3	35.3	38.2	40.0	40.9	41.6	42.0	42.5	42.9	43.3	43.3	43.4
≥ 4500	13.0	28.2	30.0	32.1	35.9	37.1	40.1	42.0	42.9	43.6	44.0	44.5	44.9	45.3	45.3	45.4
≥ 4000	13.8	30.3	32.1	34.5	38.5	40.0	43.0	45.3	46.3	47.0	47.4	47.9	48.3	48.7	48.7	48.9
≥ 3500	15.0	34.7	36.9	39.8	44.0	45.6	49.1	51.7	52.7	53.4	53.9	54.4	54.8	55.2	55.2	55.4
≥ 3000	16.7	38.9	41.7	44.8	49.1	50.7	54.6	57.4	58.4	59.1	59.6	60.2	60.6	61.0	61.0	61.1
≥ 2500	16.7	40.6	43.6	46.7	51.9	53.7	57.6	60.7	61.8	62.4	62.9	63.5	63.9	64.3	64.3	64.4
≥ 2000	17.1	42.0	45.0	48.5	54.1	56.0	60.2	63.5	64.8	65.6	66.1	66.7	67.1	67.5	67.5	67.6
≥ 1800	17.3	42.8	45.8	49.5	55.4	57.4	61.8	65.1	66.4	67.3	67.9	68.4	68.8	69.2	69.2	69.3
≥ 1500	17.3	43.6	46.9	50.9	57.9	60.2	64.7	68.1	69.5	70.4	70.9	71.4	71.8	72.2	72.2	72.4
≥ 1200	17.5	44.4	48.1	52.6	60.6	62.9	68.0	71.7	73.2	74.1	74.6	75.2	75.6	76.0	76.0	76.1
≥ 1000	17.5	44.4	48.1	52.6	61.1	63.9	68.9	72.8	74.4	75.3	75.8	76.4	76.8	77.2	77.2	77.3
≥ 900	17.5	44.6	48.3	52.9	62.2	65.2	70.4	74.5	76.2	77.2	77.8	78.4	78.8	79.2	79.2	79.3
≥ 800	17.5	44.9	48.6	53.1	62.5	66.0	71.2	75.7	77.8	78.9	79.7	80.2	80.6	81.0	81.0	81.1
≥ 700	17.5	45.0	48.7	53.4	63.2	67.3	73.2	78.0	80.5	81.8	82.6	83.1	83.5	83.9	83.9	84.1
≥ 600	17.5	45.0	48.7	53.4	63.5	67.6	73.6	79.4	82.5	83.9	85.0	85.5	85.9	86.3	86.3	86.5
≥ 500	17.5	45.0	48.7	53.4	63.5	67.9	74.2	81.1	85.3	87.1	88.2	88.8	89.2	89.6	89.6	89.8
≥ 400	17.5	45.0	48.7	53.4	63.5	67.9	74.4	81.8	86.2	88.6	90.0	91.1	91.6	92.0	92.0	92.2
≥ 300	17.5	45.0	48.7	53.4	63.5	67.9	74.4	82.1	86.6	89.5	91.6	92.8	94.0	94.4	94.4	94.8
≥ 200	17.5	45.0	48.7	53.4	63.5	67.9	74.4	82.3	86.9	90.2	92.8	94.2	95.9	96.7	97.2	98.3
≥ 100	17.5	45.0	48.7	53.4	63.5	67.9	74.4	82.3	86.9	90.2	92.8	94.2	96.1	96.9	97.5	99.9
≥ 0	17.5	45.0	48.7	53.4	63.5	67.9	74.4	82.3	86.9	90.2	92.8	94.2	96.1	96.9	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

753

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS TST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	8.9	19.0	21.0	22.4	24.9	25.4	26.5	27.6	28.3	28.6	29.3	29.3	29.6	29.9	29.9	30.2
≥ 20000	10.1	22.0	24.1	25.8	28.5	29.0	30.3	31.4	32.2	32.4	33.1	33.1	33.4	33.9	33.9	34.1
≥ 18000	10.1	22.1	24.2	25.9	28.6	29.2	30.6	31.9	32.6	32.9	33.6	33.6	33.9	34.3	34.3	34.6
≥ 16000	10.1	22.1	24.2	25.9	28.6	29.2	30.6	31.9	32.6	32.9	33.6	33.6	33.9	34.3	34.3	34.6
≥ 14000	10.1	22.1	24.2	25.9	28.6	29.2	30.6	31.9	32.6	32.9	33.6	33.6	33.9	34.3	34.3	34.6
≥ 12000	10.1	22.4	24.5	26.2	28.9	29.5	30.9	32.2	32.9	33.1	33.9	33.9	34.1	34.6	34.6	34.8
≥ 10000	10.5	23.8	25.9	27.9	31.0	31.6	33.0	35.1	35.8	36.1	36.8	36.8	37.1	37.5	37.5	37.8
≥ 9000	10.5	24.5	26.8	28.9	32.6	33.1	34.7	37.3	38.1	38.4	39.1	39.1	39.4	39.8	39.8	40.1
≥ 8000	10.5	25.5	28.3	30.7	34.7	35.6	37.4	40.2	41.1	41.4	42.1	42.1	42.4	42.8	42.8	43.1
≥ 7000	10.5	25.5	28.5	31.0	35.0	35.8	37.7	40.5	41.4	41.6	42.4	42.4	42.6	43.1	43.1	43.3
≥ 6000	10.8	25.9	29.0	31.9	35.8	36.7	38.5	41.4	42.2	42.5	43.2	43.2	43.5	43.9	43.9	44.2
≥ 5000	11.2	28.8	31.9	34.7	39.1	40.4	42.2	45.2	46.0	46.3	47.2	47.2	47.5	47.9	47.9	48.2
≥ 4500	11.9	29.9	33.1	36.0	40.4	41.8	43.6	46.6	47.5	47.7	48.6	48.6	48.9	49.3	49.3	49.6
≥ 4000	14.0	33.0	36.4	39.4	43.9	45.3	47.2	50.4	51.3	51.6	52.4	52.4	52.7	53.1	53.1	53.4
≥ 3000	14.9	36.1	39.8	42.8	48.2	49.7	52.0	55.5	56.7	56.9	57.8	57.8	58.1	58.5	58.5	58.8
≥ 2500	15.3	38.5	42.4	45.5	51.4	53.0	55.2	58.8	59.9	60.2	61.0	61.0	61.3	61.8	61.8	62.0
≥ 2000	15.4	39.7	43.8	47.2	53.4	55.1	57.5	61.0	62.2	62.6	63.5	63.5	63.7	64.2	64.2	64.4
≥ 1800	15.9	41.1	45.1	49.3	55.9	57.9	60.3	64.4	65.6	66.1	67.0	67.0	67.3	67.7	67.7	68.0
≥ 1600	16.0	41.8	47.0	50.7	57.6	60.2	62.6	66.7	67.8	68.4	69.4	69.4	69.7	70.1	70.1	70.4
≥ 1400	16.4	43.3	48.6	52.4	59.9	62.6	65.0	69.4	70.7	71.2	72.2	72.2	72.5	72.9	72.9	73.2
≥ 1200	16.7	45.2	50.7	54.8	63.7	66.6	69.0	73.9	75.5	76.1	77.1	77.1	77.3	77.8	77.8	78.0
≥ 1000	16.7	45.5	51.3	55.4	64.7	67.6	70.4	75.4	77.1	77.6	78.6	78.6	78.9	79.3	79.3	79.6
≥ 900	16.9	45.6	51.4	55.5	65.4	68.6	71.7	76.9	78.6	79.2	80.2	80.2	80.5	80.9	80.9	81.2
≥ 800	16.9	45.6	51.4	55.7	66.1	69.7	73.5	79.2	81.2	81.9	82.9	82.9	83.1	83.6	83.6	83.9
≥ 700	16.9	45.6	51.7	55.9	66.7	70.8	74.9	81.0	83.3	84.1	85.1	85.1	85.4	85.8	85.8	86.1
≥ 600	16.9	45.6	51.7	55.9	67.0	71.1	75.4	82.3	85.1	86.0	87.0	87.0	87.3	87.7	87.7	88.0
≥ 500	16.9	45.6	51.7	55.9	67.1	71.4	76.5	83.7	86.7	88.1	89.4	89.5	89.8	90.2	90.2	90.5
≥ 400	16.9	45.6	51.7	55.9	67.3	71.7	76.9	84.4	87.8	89.5	91.5	91.6	91.9	92.4	92.4	92.6
≥ 300	16.9	45.6	51.7	55.9	67.3	71.7	77.1	84.7	88.2	90.2	92.6	92.9	93.3	94.2	94.2	94.5
≥ 200	16.9	45.6	51.7	55.9	67.3	71.7	77.1	85.0	88.5	90.9	93.5	93.8	94.9	96.5	96.6	98.0
≥ 100	16.9	45.6	51.7	55.9	67.3	71.7	77.1	85.0	88.5	90.9	93.5	93.8	94.9	96.5	96.6	99.2
≥ 0	16.9	45.6	51.7	55.9	67.3	71.7	77.1	85.0	88.5	90.9	93.5	93.8	94.9	96.6	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS

706

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265 SUESTERBERG NJ

68-77

YEARS

UNIT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	8.8	16.0	17.2	18.1	20.3	20.9	21.9	22.7	23.4	23.9	24.2	24.2	24.5	24.7	24.8	25.2
≥ 20000	10.4	19.7	21.2	22.3	25.2	26.1	27.6	28.8	29.6	30.2	30.5	30.6	30.9	31.2	31.3	31.7
IV 18000	10.4	19.8	21.3	22.4	25.3	26.2	27.7	28.9	29.7	30.4	30.6	30.8	31.1	31.3	31.4	31.9
IV 16000	10.4	19.8	21.3	22.4	25.3	26.2	27.7	28.9	29.7	30.4	30.6	30.8	31.1	31.4	31.5	31.9
IV 14000	10.4	19.8	21.3	22.5	25.4	26.2	27.8	28.9	29.8	30.4	30.7	30.8	31.2	31.4	31.5	31.9
IV 12000	10.5	20.0	21.5	22.7	25.6	26.6	28.2	29.4	30.2	30.9	31.1	31.3	31.6	31.9	32.0	32.4
IV 10000	11.0	21.8	23.5	24.8	28.1	29.2	30.9	32.3	33.3	34.1	34.3	34.5	34.8	35.1	35.2	35.6
IV 9000	11.2	22.6	24.4	25.9	29.4	30.5	32.4	34.0	34.9	35.8	36.1	36.2	36.7	37.0	37.1	37.5
IV 8000	11.3	23.2	25.1	26.7	30.5	31.7	33.6	35.4	36.4	37.5	37.8	38.0	38.4	38.6	38.7	39.2
IV 7000	11.3	23.2	25.2	26.8	30.7	31.9	33.9	35.7	36.7	37.8	38.1	38.3	38.6	38.9	39.0	39.4
IV 6000	11.5	23.5	25.5	27.1	31.0	32.2	34.3	36.1	37.2	38.3	38.6	38.8	39.1	39.4	39.5	39.9
IV 5000	12.3	25.6	27.8	29.5	33.9	35.2	37.5	39.6	40.7	41.9	42.2	42.4	42.8	43.1	43.2	43.6
IV 4500	13.1	27.1	29.5	31.2	35.9	37.4	39.9	42.2	43.4	44.6	45.0	45.2	45.6	45.9	46.0	46.4
IV 4000	14.1	29.9	32.3	34.3	39.6	41.1	43.8	46.4	47.7	49.2	49.6	49.8	50.2	50.5	50.6	51.0
IV 3500	15.1	32.9	35.8	37.9	43.7	45.3	48.3	51.0	52.5	54.1	54.6	54.8	55.2	55.5	55.6	56.0
IV 3000	16.3	35.9	39.2	41.6	47.8	49.6	52.6	55.5	57.1	58.8	59.3	59.6	60.0	60.3	60.4	60.8
IV 2500	16.9	37.9	41.4	43.9	50.7	52.6	55.7	58.8	60.4	62.2	62.7	63.0	63.4	63.7	63.8	64.2
IV 2000	17.3	39.9	43.7	46.5	53.7	55.8	59.0	62.3	64.1	66.0	66.5	66.8	67.2	67.5	67.6	68.0
IV 1800	17.5	40.6	44.7	47.6	55.2	57.4	60.9	64.3	66.0	68.0	68.5	68.8	69.2	69.5	69.6	70.0
IV 1500	17.7	42.1	46.3	49.4	57.8	60.2	63.9	67.4	69.2	71.3	71.8	72.1	72.5	72.8	72.9	73.3
IV 1200	17.8	42.8	47.5	50.7	60.4	63.1	67.1	70.9	72.9	75.1	75.6	75.9	76.3	76.6	76.7	77.2
IV 1000	17.8	43.0	47.8	51.1	61.2	64.1	68.2	72.2	74.3	76.5	77.1	77.4	77.8	78.1	78.2	78.6
IV 900	17.8	43.1	48.0	51.4	62.0	65.2	69.6	73.9	76.0	78.4	79.0	79.3	79.7	80.0	80.1	80.5
IV 800	17.8	43.2	48.1	51.6	62.6	66.0	70.8	75.7	78.1	80.6	81.2	81.6	82.0	82.3	82.4	82.8
IV 700	17.8	43.3	48.3	51.8	63.1	66.7	71.9	77.2	79.8	82.4	83.1	83.5	83.9	84.2	84.3	84.8
IV 600	17.8	43.3	48.3	51.8	63.4	67.2	72.6	78.6	81.9	84.8	85.6	85.9	86.3	86.7	86.8	87.3
IV 500	17.8	43.3	48.4	51.9	63.6	67.5	73.2	80.0	83.7	87.1	88.0	88.5	89.0	89.4	89.6	90.0
IV 400	17.8	43.3	48.4	51.9	63.6	67.6	73.4	80.4	84.4	88.3	89.0	90.1	90.9	91.4	91.6	92.0
IV 300	17.8	43.3	48.4	51.9	63.6	67.7	73.4	80.6	84.9	89.3	91.2	91.9	93.1	94.0	94.3	94.9
IV 200	17.8	43.3	48.4	51.9	63.6	67.7	73.4	80.7	85.0	89.6	91.6	92.4	94.2	95.5	96.0	96.1
IV 100	17.8	43.3	48.4	51.9	63.6	67.7	73.4	80.7	85.0	89.6	91.6	92.5	94.3	95.7	96.2	99.7
IV 0	17.8	43.3	48.4	51.9	63.6	67.7	73.4	80.7	85.0	89.6	91.6	92.5	94.3	95.7	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS

5725

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SOESTERBERG NL

67-76

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	3.5	10.3	12.4	13.6	15.6	16.7	19.2	21.5	22.4	23.6	25.0	25.4	25.7	25.7	25.7	25.7
≥ 20000	3.7	11.1	13.2	14.4	17.1	18.2	20.8	23.6	24.9	26.1	27.9	28.3	28.5	28.5	28.5	28.5
≥ 18000	3.7	11.1	13.2	14.4	17.1	18.2	20.8	23.6	24.9	26.1	27.9	28.3	28.5	28.5	28.5	28.5
≥ 16000	3.7	11.1	13.2	14.4	17.1	18.2	20.8	23.6	24.9	26.2	28.0	28.4	28.7	28.7	28.7	28.7
≥ 14000	3.7	11.1	13.2	14.4	17.1	18.2	20.8	23.6	24.9	26.2	28.0	28.4	28.7	28.7	28.7	28.7
≥ 12000	3.7	11.3	13.3	14.5	17.4	18.5	21.1	23.9	25.1	26.5	28.3	28.7	28.9	28.9	28.9	28.9
≥ 10000	3.7	11.7	14.0	15.2	18.2	19.3	21.9	24.7	26.1	27.4	29.2	29.6	29.9	29.9	29.9	29.9
≥ 9000	3.8	11.8	14.1	15.4	18.3	19.6	22.1	25.3	26.6	28.0	29.8	30.2	30.4	30.4	30.4	30.4
≥ 8000	3.9	12.0	14.4	15.6	18.6	19.8	22.4	25.5	26.9	28.3	30.0	30.4	30.7	30.7	30.7	30.7
≥ 7000	3.9	12.0	14.4	15.6	18.6	19.8	22.6	25.7	27.0	28.4	30.2	30.6	30.8	30.8	30.8	30.8
≥ 6000	3.9	12.1	14.5	15.8	18.8	20.0	22.7	25.8	27.2	28.5	30.3	30.7	31.0	31.0	31.0	31.0
≥ 5000	4.3	13.7	16.4	18.1	21.3	22.6	25.3	28.4	30.3	31.8	33.6	34.0	34.2	34.2	34.2	34.2
≥ 4500	4.5	15.6	18.6	20.7	23.9	25.3	28.0	31.5	33.4	35.1	37.0	37.4	37.6	37.6	37.6	37.6
≥ 4000	6.0	19.3	22.4	24.5	28.0	29.3	32.2	36.1	38.0	39.7	41.6	42.0	42.5	42.5	42.5	42.5
≥ 3500	6.5	21.6	24.9	26.9	30.7	32.1	35.1	39.1	41.2	42.9	44.8	45.2	45.8	45.8	45.8	45.8
≥ 3000	6.5	23.6	27.2	29.3	33.6	34.9	38.0	42.4	44.6	46.3	48.2	48.6	49.2	49.2	49.2	49.2
≥ 2500	7.2	25.8	29.5	31.9	36.7	38.0	41.4	46.2	48.5	50.4	52.3	52.7	53.3	53.3	53.3	53.3
≥ 2000	7.6	26.8	31.0	33.7	39.7	41.3	44.8	50.0	52.3	54.3	56.3	56.7	57.2	57.2	57.2	57.2
≥ 1800	7.6	26.9	31.1	34.0	40.5	42.4	46.2	51.5	53.9	56.0	57.9	58.3	58.8	58.8	58.8	58.8
≥ 1500	8.0	28.1	32.6	35.6	42.9	45.0	49.0	54.5	57.1	59.2	61.1	61.5	62.1	62.1	62.1	62.1
≥ 1200	8.0	29.1	33.8	37.0	45.9	48.1	52.4	58.3	60.9	63.2	65.1	65.5	66.2	66.2	66.2	66.2
≥ 1000	8.0	29.6	34.5	37.9	47.7	49.9	55.0	61.4	64.1	66.4	68.3	68.9	69.6	69.6	69.6	69.6
≥ 900	8.0	29.8	34.6	38.2	48.5	51.0	56.4	63.6	66.3	68.6	70.5	71.3	72.0	72.0	72.0	72.0
≥ 800	8.0	29.9	34.9	38.6	50.0	53.0	58.6	65.8	68.6	70.9	72.8	73.6	74.3	74.3	74.3	74.3
≥ 700	8.0	30.0	35.1	38.9	51.0	54.1	60.2	67.9	70.9	73.2	75.3	76.1	76.8	76.8	76.8	76.8
≥ 600	8.0	30.0	35.1	38.9	51.5	55.0	61.4	70.1	73.2	76.0	78.0	78.8	79.5	79.5	79.5	79.5
≥ 500	8.0	30.0	35.1	38.9	51.9	55.7	62.5	72.1	75.7	79.1	81.7	82.6	83.3	83.3	83.6	83.8
≥ 400	8.2	30.2	35.2	39.0	52.2	56.0	62.8	72.8	77.0	81.3	84.0	85.3	86.1	86.1	86.4	86.7
≥ 300	8.2	30.2	35.2	39.0	52.3	56.4	63.2	73.5	78.0	83.2	86.5	88.3	89.7	90.1	90.4	90.6
≥ 200	8.2	30.2	35.2	39.0	52.3	56.4	63.2	73.5	78.1	83.7	87.6	89.4	91.4	93.3	94.3	96.1
≥ 100	8.2	30.2	35.2	39.0	52.3	56.4	63.2	73.5	78.1	83.7	87.6	89.4	91.4	93.9	95.2	99.5
≥ 0	8.2	30.2	35.2	39.0	52.3	56.4	63.2	73.5	78.1	83.7	87.6	89.4	91.4	93.9	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS

736

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SIESTERBERG NJ

67-76

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	3.3	9.8	10.9	11.6	15.2	16.8	18.8	20.5	21.0	21.7	22.3	23.3	23.3	23.4	23.4	23.7
≥ 20000	3.3	10.2	11.6	12.4	16.6	18.2	20.3	22.2	22.7	23.6	24.3	25.3	25.3	25.4	25.4	25.7
IV 18000	3.3	10.2	11.6	12.4	16.6	18.2	20.3	22.2	22.7	23.6	24.3	25.3	25.3	25.4	25.4	25.7
IV 16000	3.3	10.2	11.6	12.4	16.6	18.2	20.3	22.2	22.7	23.6	24.3	25.3	25.3	25.4	25.4	25.7
IV 14000	3.3	10.2	11.6	12.4	16.6	18.2	20.3	22.2	22.7	23.6	24.3	25.3	25.3	25.4	25.4	25.7
IV 12000	3.3	10.2	11.6	12.4	16.6	18.2	20.3	22.2	22.7	23.6	24.3	25.3	25.3	25.4	25.4	25.7
IV 10000	3.3	10.2	12.4	13.1	17.5	19.0	21.2	23.0	23.7	24.6	25.3	26.3	26.3	26.4	26.4	26.7
IV 9000	3.6	11.4	12.9	13.9	18.5	20.0	22.2	24.0	24.9	26.0	27.0	28.0	28.0	28.1	28.1	28.4
IV 8000	3.6	11.4	13.1	14.2	19.0	20.6	22.7	24.6	25.4	26.6	27.6	28.6	28.6	28.7	28.7	29.0
IV 7000	3.6	11.4	13.1	14.2	19.0	20.6	22.7	24.6	25.4	26.6	27.6	28.6	28.6	28.7	28.7	29.0
IV 6000	3.8	11.8	13.5	14.6	19.5	21.0	23.2	25.0	26.0	27.1	28.1	29.1	29.1	29.3	29.3	29.5
IV 5000	4.1	13.5	16.2	17.8	22.9	24.4	26.7	28.6	29.5	30.7	31.7	32.7	32.7	32.8	32.8	33.1
IV 4500	4.5	14.6	17.5	19.3	24.4	26.0	28.3	30.1	31.3	32.7	33.7	34.7	34.7	34.8	34.8	35.1
IV 4000	5.3	15.9	18.9	20.9	26.4	28.1	30.3	32.5	33.7	35.1	36.1	37.1	37.1	37.2	37.2	37.5
IV 3500	6.0	17.9	21.2	23.2	29.4	31.3	33.9	36.4	37.6	39.1	40.1	41.1	41.1	41.2	41.2	41.5
IV 3000	6.3	19.6	23.0	25.0	32.2	34.2	37.5	40.2	41.5	43.0	44.0	45.0	45.0	45.3	45.3	45.6
IV 2500	6.3	20.5	24.1	26.3	34.5	36.9	40.3	43.5	44.9	46.4	47.4	48.4	48.4	48.6	48.6	48.9
IV 2000	6.5	22.4	26.3	28.7	37.0	40.5	44.2	47.9	49.4	51.1	52.1	53.1	53.1	53.3	53.6	53.6
IV 1800	6.5	23.0	27.0	29.7	39.3	42.3	46.2	50.0	51.6	53.3	54.3	55.3	55.3	55.4	55.7	56.0
IV 1600	6.8	24.6	28.6	31.7	42.0	45.6	49.6	53.7	55.7	57.4	58.4	59.4	59.4	59.5	59.8	60.1
IV 1400	6.8	25.6	30.4	34.4	46.3	50.6	55.5	60.2	62.4	64.1	65.1	66.1	66.1	66.2	66.5	66.8
IV 1200	6.8	25.6	30.7	34.8	47.3	51.7	57.0	62.2	64.6	66.5	67.5	68.5	68.5	68.6	68.9	69.2
IV 1000	6.8	25.6	30.7	34.8	47.3	51.7	57.0	62.2	64.6	66.5	67.5	68.5	68.5	68.6	68.9	69.2
IV 900	6.8	25.6	30.7	34.8	47.7	52.4	58.1	63.8	66.2	68.3	69.3	70.3	70.3	70.6	70.9	71.2
IV 800	6.8	25.7	30.8	35.4	49.1	54.7	61.5	67.3	69.9	72.0	73.0	74.1	74.1	74.4	74.7	75.0
IV 700	6.8	25.7	30.8	35.8	50.0	56.1	63.4	69.5	72.0	74.1	75.1	76.4	76.4	76.7	77.0	77.3
IV 600	6.8	25.7	31.1	36.1	50.4	56.7	64.1	71.9	74.6	76.8	77.8	79.1	79.1	79.4	79.7	80.0
IV 500	6.8	25.7	31.1	36.1	50.7	57.5	65.1	74.1	77.7	80.3	81.3	82.5	82.5	83.1	83.8	84.1
IV 400	6.8	25.7	31.1	36.1	50.9	58.0	65.8	75.6	80.0	82.7	83.9	85.4	85.4	86.4	87.5	88.1
IV 300	6.8	25.7	31.1	36.1	50.9	58.1	65.9	75.7	80.4	83.8	85.7	87.5	87.5	88.9	90.6	91.1
IV 200	6.8	25.7	31.1	36.1	50.9	58.1	65.9	75.7	80.5	84.7	86.9	89.1	89.1	91.1	93.3	94.2
IV 100	6.8	25.7	31.1	36.1	50.9	58.1	65.9	75.7	80.5	84.7	86.9	89.1	89.1	91.2	93.8	94.9
IV 0	6.8	25.7	31.1	36.1	50.9	58.1	65.9	75.7	80.5	84.7	86.9	89.1	89.1	91.2	93.8	94.9

TOTAL NUMBER OF OBSERVATIONS

704

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

67-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0	
NO CEILING	2.8	10.0	10.6	11.7	14.8	15.7	17.4	19.9	21.4	22.3	22.6	23.0	23.6	24.1	24.1	24.7	
≥ 20000	2.9	10.6	11.1	12.3	16.4	17.3	19.4	22.4	23.9	24.9	25.2	25.6	26.4	26.9	26.9	27.4	
≥ 18000	2.9	10.6	11.1	12.3	16.4	17.3	19.4	22.4	23.9	24.9	25.2	25.6	26.4	26.9	26.9	27.4	
≥ 16000	2.9	10.6	11.1	12.3	16.4	17.3	19.4	22.4	23.9	24.9	25.2	25.6	26.4	26.9	26.9	27.4	
≥ 14000	2.9	10.6	11.1	12.3	16.4	17.3	19.4	22.4	23.9	24.9	25.2	25.6	26.4	26.9	26.9	27.4	
≥ 12000	2.9	10.6	11.2	12.4	16.5	17.4	19.5	22.6	24.0	25.1	25.3	25.7	26.5	27.0	27.0	27.6	
≥ 10000	3.2	11.3	12.1	13.3	17.5	18.6	20.8	23.9	25.3	26.4	26.6	27.0	27.8	28.4	28.4	28.9	
≥ 9000	3.2	11.5	12.4	13.7	18.5	19.5	21.8	24.8	26.3	27.3	27.6	28.0	28.8	29.3	29.3	29.8	
≥ 8000	3.3	12.3	13.3	14.9	20.2	21.2	23.6	26.6	28.1	29.2	29.4	29.8	30.6	31.1	31.1	31.7	
≥ 7000	3.3	12.4	13.5	15.0	20.3	21.4	23.7	26.8	28.2	29.3	29.6	29.9	30.7	31.3	31.3	31.8	
≥ 6000	3.3	12.4	13.5	15.0	20.4	21.5	23.9	26.9	28.4	29.7	30.1	30.5	31.3	31.8	31.8	32.3	
≥ 5000	3.8	14.2	15.7	17.5	23.1	24.3	26.6	29.7	31.1	32.6	33.0	33.4	34.2	34.7	34.7	35.2	
≥ 4500	4.2	15.6	17.2	19.0	24.8	26.3	28.8	31.9	33.4	35.0	35.4	35.8	36.5	37.1	37.1	37.6	
≥ 4000	4.9	17.0	18.7	20.8	26.8	28.2	30.7	33.9	35.5	37.1	37.7	38.1	38.9	39.4	39.4	40.0	
≥ 3500	5.7	19.3	21.2	23.6	30.1	31.5	34.0	37.5	39.2	40.9	41.6	42.0	42.7	43.3	43.3	43.8	
≥ 3000	6.6	21.4	23.7	26.3	33.4	35.1	38.0	42.0	43.7	45.5	46.4	46.8	47.6	48.3	48.3	48.8	
≥ 2500	6.9	23.1	25.9	28.5	36.7	38.5	41.6	45.6	47.4	49.3	50.3	50.7	51.5	52.1	52.1	52.6	
≥ 2000	7.0	23.9	27.3	30.1	39.3	41.2	44.5	48.8	50.7	52.9	53.8	54.2	55.0	55.7	55.7	56.2	
≥ 1800	7.1	25.1	28.6	31.4	41.0	43.0	46.6	50.9	52.9	55.1	56.1	56.5	57.3	57.9	57.9	58.4	
≥ 1500	7.7	25.7	29.7	33.4	43.9	46.3	50.0	54.5	56.9	59.1	60.0	60.4	61.2	62.0	62.0	62.5	
≥ 1200	7.7	26.3	30.6	34.4	47.4	50.5	54.7	60.0	62.8	65.2	66.2	66.6	67.4	68.2	68.2	68.7	
≥ 1000	7.7	26.3	30.6	34.6	48.3	51.8	56.3	62.4	65.2	67.7	68.7	69.1	69.9	70.7	70.7	71.2	
≥ 900	7.7	26.4	31.1	35.1	49.7	53.7	59.1	65.6	68.5	71.0	72.0	72.6	73.4	74.1	74.1	74.8	
≥ 800	7.7	26.6	31.4	35.6	50.8	55.5	61.6	68.5	71.4	74.0	75.1	75.6	76.4	77.2	77.2	77.8	
≥ 700	7.7	26.6	31.7	36.0	51.8	56.7	63.3	70.4	73.5	76.3	77.3	77.8	78.6	79.4	79.4	80.1	
≥ 600	7.7	26.6	31.7	36.0	52.1	57.0	64.0	72.4	75.9	78.8	79.9	80.6	81.4	82.3	82.3	83.0	
≥ 500	7.7	26.6	31.7	36.0	52.1	57.0	64.5	73.9	78.2	81.3	82.6	83.2	84.4	85.4	85.4	86.0	
≥ 400	7.7	26.6	31.7	36.0	52.1	57.1	64.6	74.5	79.4	83.1	84.7	85.8	86.9	88.0	88.0	88.7	
≥ 300	7.7	26.6	31.7	36.0	52.1	57.1	64.6	74.8	79.9	84.6	86.7	88.0	89.7	91.8	92.1	93.5	
≥ 200	7.7	26.6	31.7	36.0	52.1	57.1	64.6	74.8	79.9	85.1	87.2	88.9	91.8	94.9	95.1	97.0	
≥ 100	7.7	26.6	31.7	36.0	52.1	57.1	64.6	74.8	79.9	85.1	87.2	89.2	92.3	95.6	96.0	99.9	
≥ 0	7.7	26.6	31.7	36.0	52.1	57.1	64.6	74.8	79.9	85.1	87.2	89.2	92.3	95.6	96.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

758

3
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

STATION NAME
SNESTERBERG MI

7-76

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.5	9.8	10.7	11.9	12.9	13.3	15.2	17.0	18.3	20.2	20.5	20.6	21.1	21.2	21.2	21.5
≥ 20000	6.0	13.0	14.8	16.4	18.7	19.6	22.3	24.2	26.1	28.3	28.7	29.1	29.6	29.7	29.7	30.0
IV 18000	6.0	13.0	14.8	16.4	18.7	19.6	22.3	24.2	26.1	28.3	28.7	29.1	29.6	29.7	29.7	30.0
IV 16000	6.0	13.0	14.8	16.4	18.7	19.6	22.3	24.2	26.1	28.3	28.7	29.1	29.6	29.7	29.7	30.0
IV 14000	6.0	13.0	14.8	16.4	18.7	19.6	22.3	24.2	26.1	28.3	28.7	29.1	29.6	29.7	29.7	30.0
IV 12000	6.1	13.2	14.9	16.5	18.9	19.8	22.5	24.5	26.4	28.6	29.0	29.4	29.9	30.0	30.0	30.3
IV 10000	6.1	13.8	15.5	17.3	20.1	20.9	24.0	26.1	28.0	30.2	30.6	31.0	31.5	31.6	31.6	31.9
IV 9000	6.1	13.8	15.5	17.7	20.8	21.7	25.0	27.1	29.0	31.2	31.6	32.1	32.5	32.7	32.7	32.9
IV 8000	6.1	14.2	16.0	18.2	21.4	22.3	25.8	28.0	29.9	32.2	32.7	33.1	33.5	33.7	33.7	34.0
IV 7000	6.1	14.3	16.3	18.4	21.7	22.5	26.2	28.4	30.3	32.7	33.1	33.5	34.0	34.1	34.1	34.4
IV 6000	6.3	14.5	16.4	18.6	21.8	22.7	26.6	29.0	30.9	33.4	33.8	34.3	34.7	34.8	34.8	35.1
IV 5000	6.6	15.4	17.4	19.6	23.7	24.6	29.0	31.6	33.5	36.0	36.5	37.0	37.5	37.6	37.6	37.9
≥ 4500	7.2	16.5	18.7	20.9	25.3	26.4	31.0	34.0	35.9	38.5	38.9	39.5	40.0	40.1	40.1	40.4
IV 4000	7.6	18.6	20.9	23.3	28.1	29.4	34.7	37.9	40.0	42.9	43.5	44.1	44.5	44.7	44.7	44.9
IV 3500	8.8	21.1	23.7	26.1	31.6	32.9	38.7	42.0	44.2	47.3	48.0	48.6	49.0	49.2	49.2	49.5
IV 3000	9.1	23.1	25.8	28.1	34.3	35.6	42.2	46.0	48.5	51.5	52.3	52.9	53.3	53.4	53.4	53.7
IV 2500	9.5	24.9	27.8	30.2	36.6	38.2	45.2	49.2	51.7	54.8	55.5	56.1	56.5	56.7	56.7	57.0
IV 2000	9.7	26.1	29.3	31.6	38.8	40.6	47.9	52.0	54.8	58.4	59.2	59.9	60.3	60.6	60.6	60.9
≥ 1800	9.7	26.9	30.3	32.7	40.7	42.9	50.4	54.5	57.4	61.1	61.8	62.5	63.0	63.4	63.4	63.7
IV 1500	9.7	27.2	30.9	33.4	42.0	44.2	52.3	56.4	59.3	63.0	63.7	64.4	64.9	65.3	65.3	65.6
≥ 1200	9.7	28.1	31.9	34.7	45.1	47.7	56.7	61.1	64.0	67.8	68.8	69.5	70.0	70.4	70.4	70.7
IV 1000	9.7	28.8	32.7	35.9	47.3	50.5	60.5	66.0	69.1	73.5	74.7	75.5	76.0	76.4	76.4	76.7
IV 900	9.7	28.8	32.7	35.9	47.7	51.4	61.9	68.2	71.9	76.3	77.5	78.3	78.8	79.2	79.2	79.5
IV 800	9.7	28.8	32.7	35.9	47.9	51.5	62.8	70.0	74.1	78.6	79.8	80.7	81.1	81.6	81.6	81.8
≥ 700	9.7	28.8	32.7	35.9	47.9	51.8	64.0	71.2	75.8	80.7	81.8	83.0	83.5	83.9	83.9	84.2
IV 600	9.7	28.8	32.7	35.9	47.9	51.8	64.4	71.9	76.6	81.6	82.9	84.0	84.5	84.9	84.9	85.4
≥ 500	9.7	29.1	32.9	36.2	48.2	52.1	64.7	72.6	78.5	84.2	85.8	87.3	87.7	88.1	88.1	88.6
IV 400	9.7	29.1	32.9	36.2	48.2	52.1	64.7	72.9	79.1	85.1	86.8	88.6	89.2	90.0	90.0	90.5
IV 300	9.7	29.1	32.9	36.2	48.3	52.3	64.9	73.2	79.4	85.8	87.6	89.6	90.6	91.9	92.2	93.4
IV 200	9.7	29.1	32.9	36.2	48.3	52.3	64.9	73.2	79.4	85.9	87.8	90.2	91.5	92.9	94.4	97.1
≥ 100	9.7	29.1	32.9	36.2	48.3	52.3	64.9	73.2	79.4	85.9	87.8	90.2	91.5	94.3	94.9	99.9
IV 0	9.7	29.1	32.9	36.2	48.3	52.3	64.9	73.2	79.4	85.9	87.8	90.2	91.5	94.3	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS

683

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SJESTERBERG NL
STATION NAME

67-70
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	6.6	11.6	12.4	13.0	13.7	14.2	15.9	17.0	18.1	18.9	19.3	19.3	20.2	20.2	20.2	20.2
≥ 20000	9.4	17.0	18.4	20.3	22.0	22.9	25.3	26.8	28.2	29.3	29.8	29.8	30.7	30.7	30.7	30.7
≥ 18000	9.4	17.0	18.4	20.3	22.1	23.1	25.6	27.1	28.5	29.6	30.1	30.1	30.9	30.9	30.9	30.9
≥ 16000	9.4	17.0	18.4	20.3	22.1	23.1	25.8	27.3	28.7	29.8	30.4	30.4	31.2	31.2	31.2	31.2
≥ 14000	9.4	17.0	18.4	20.3	22.2	23.2	26.0	27.5	28.9	30.0	30.5	30.5	31.4	31.4	31.4	31.4
≥ 12000	9.7	17.3	18.6	20.6	22.5	23.5	26.4	27.9	29.3	30.4	30.9	30.9	31.8	31.8	31.8	31.8
≥ 10000	9.7	17.5	19.1	21.0	23.5	24.6	27.9	29.4	30.8	31.9	32.5	32.5	33.3	33.3	33.3	33.3
≥ 9000	9.8	18.0	19.5	21.4	24.3	25.4	29.0	30.5	31.9	33.0	33.6	33.6	34.4	34.4	34.4	34.4
≥ 8000	9.8	18.4	19.9	21.8	25.0	26.1	29.7	31.2	32.6	34.0	34.5	34.5	35.4	35.4	35.4	35.4
≥ 7000	9.8	18.4	19.9	21.8	25.0	26.1	29.8	31.4	32.7	34.1	34.7	34.7	35.5	35.5	35.5	35.5
≥ 6000	9.8	18.6	20.2	22.1	25.4	26.5	30.4	31.9	33.3	34.7	35.2	35.2	36.0	36.0	36.0	36.0
≥ 5000	9.9	19.3	21.4	23.9	27.9	29.3	34.0	35.9	37.4	38.8	39.4	39.4	40.2	40.2	40.2	40.2
≥ 4500	11.0	21.0	23.1	25.8	30.0	31.5	36.2	38.1	39.9	41.3	41.9	41.9	42.7	42.7	42.7	42.7
≥ 4000	11.7	23.1	25.1	27.9	32.6	34.1	39.4	41.6	43.4	44.8	45.3	45.3	46.3	46.3	46.3	46.3
≥ 3500	12.7	25.1	27.2	30.0	34.7	36.6	42.7	44.9	46.7	48.2	48.8	48.8	49.7	49.7	49.7	49.7
≥ 3000	13.4	27.1	29.3	32.2	37.6	39.8	46.1	48.8	50.7	52.2	52.8	52.8	53.7	53.7	53.7	53.7
≥ 2500	14.4	29.6	32.0	34.9	40.6	43.1	49.7	52.3	54.7	56.2	56.8	56.8	57.7	57.7	57.7	57.7
≥ 2000	14.6	30.9	33.7	36.9	43.1	45.7	52.5	55.4	57.7	59.4	60.1	60.1	61.0	61.0	61.0	61.0
≥ 1800	14.9	32.0	34.8	38.3	44.9	47.5	54.8	57.9	60.2	61.9	62.6	62.6	63.5	64.0	64.0	64.0
≥ 1500	15.1	34.4	37.7	41.3	48.8	51.4	59.8	63.0	65.7	67.7	68.4	68.4	69.3	69.8	69.8	69.8
≥ 1200	15.1	34.7	38.3	42.5	50.8	54.1	63.7	67.3	70.2	72.1	73.2	73.2	74.2	74.6	74.6	74.6
≥ 1000	15.1	34.8	38.5	42.8	51.7	55.7	65.9	70.0	73.1	75.0	76.1	76.1	77.1	77.5	77.5	77.5
≥ 900	15.1	34.8	38.7	43.4	52.6	56.9	67.7	72.4	76.0	78.0	79.1	79.1	80.1	80.5	80.5	80.5
≥ 800	15.1	34.8	38.7	43.4	52.9	57.2	68.1	73.2	76.8	80.2	81.4	81.4	82.5	82.9	82.9	82.9
≥ 700	15.1	34.9	38.8	43.5	53.3	57.6	69.2	74.6	79.7	82.3	83.6	83.6	84.7	85.1	85.1	85.1
≥ 600	15.1	34.9	38.8	43.5	53.3	57.9	69.6	75.6	81.1	84.3	85.6	85.6	86.9	87.3	87.3	87.3
≥ 500	15.1	34.9	38.8	43.5	53.3	57.9	69.8	75.7	81.8	85.2	87.0	87.0	88.7	89.4	89.4	89.4
≥ 400	15.1	34.9	38.8	43.5	53.3	58.0	69.9	76.0	82.3	86.7	88.8	89.1	90.7	91.7	91.9	91.9
≥ 300	15.1	34.9	38.8	43.5	53.3	58.0	70.0	76.2	82.6	87.7	90.1	90.3	92.4	94.2	94.3	94.5
≥ 200	15.1	34.9	38.8	43.5	53.3	58.0	70.0	76.2	82.6	88.1	90.6	91.0	93.4	96.1	96.4	97.2
≥ 100	15.1	34.9	38.8	43.5	53.3	58.0	70.0	76.2	82.6	88.1	90.6	91.0	93.4	96.3	96.7	99.4
≥ 0	15.1	34.9	38.8	43.5	53.3	58.1	70.2	76.4	82.7	88.3	90.7	91.2	93.5	96.4	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS

724

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SOFSTERRBERG NJ

67-76

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	7.1	12.6	14.0	14.5	15.5	16.2	17.7	18.7	19.5	20.3	20.7	20.7	21.0	21.6	21.7	21.7
≥ 18000	8.4	14.9	17.1	18.7	21.1	22.0	24.6	26.6	27.8	29.1	29.5	29.7	30.0	30.7	30.8	30.8
≥ 16000	8.4	15.1	17.2	18.8	21.4	22.3	24.9	26.9	28.1	29.4	29.8	30.0	30.2	31.0	31.1	31.1
≥ 14000	8.4	15.1	17.2	18.8	21.4	22.3	24.9	26.9	28.1	29.4	29.8	30.0	30.2	31.0	31.1	31.1
≥ 12000	8.4	15.1	17.2	18.8	21.4	22.3	24.9	26.9	28.1	29.4	29.8	30.0	30.2	31.0	31.1	31.1
≥ 10000	8.5	15.8	18.2	20.1	22.7	23.7	26.9	29.1	30.4	31.8	32.3	32.4	32.7	33.4	33.6	33.6
≥ 9000	8.7	16.5	19.2	21.3	24.3	25.3	28.9	31.1	32.6	34.0	34.6	34.7	35.0	35.7	35.9	35.9
≥ 8000	8.8	16.8	19.5	21.7	24.9	25.9	29.5	31.8	33.6	35.0	35.6	35.7	36.0	36.8	36.9	36.9
≥ 7000	8.8	16.8	19.5	21.7	24.9	25.9	29.5	31.8	33.6	35.0	35.6	35.7	36.0	36.8	36.9	36.9
≥ 6000	8.8	17.1	19.8	22.0	25.2	26.2	29.8	32.1	33.9	35.3	35.9	36.0	36.3	37.0	37.2	37.2
≥ 5000	9.0	17.7	20.8	23.2	27.8	28.9	33.0	35.5	37.2	38.6	39.2	39.4	39.7	40.4	40.5	40.5
≥ 4500	9.1	18.8	22.1	24.6	29.5	31.0	35.3	37.9	39.7	41.2	41.8	42.0	42.4	43.1	43.3	43.3
≥ 4000	10.0	20.3	23.9	26.6	31.8	33.4	37.9	40.5	42.4	44.0	44.6	44.9	45.3	46.0	46.2	46.2
≥ 3500	11.3	22.3	26.3	29.2	34.7	36.5	41.1	43.8	45.7	47.3	47.9	48.2	48.6	49.3	49.5	49.5
≥ 3000	11.9	23.4	27.5	30.7	36.3	38.1	42.8	45.7	47.6	49.5	50.2	50.5	50.9	51.7	51.8	51.8
≥ 2500	13.3	26.9	31.1	34.7	40.4	42.3	47.3	50.4	52.2	54.1	54.8	55.1	55.6	56.3	56.4	56.4
≥ 2000	13.6	29.1	33.3	36.9	43.4	45.3	51.1	54.6	56.6	58.6	59.3	59.6	60.1	60.8	60.9	60.9
≥ 1800	14.0	30.5	35.0	38.8	45.6	47.5	53.4	57.2	59.2	61.2	61.9	62.2	62.7	63.5	63.7	63.7
≥ 1500	14.0	31.5	36.5	40.5	48.6	50.8	57.2	61.4	64.0	66.1	66.9	67.1	67.6	68.5	68.6	68.6
≥ 1200	14.0	32.0	36.9	41.1	51.1	54.0	60.6	65.0	67.9	70.3	71.1	71.3	71.9	72.8	72.9	72.9
≥ 1000	14.2	32.1	37.2	41.5	52.5	55.9	63.0	67.4	70.3	73.2	74.1	74.4	75.0	75.8	76.0	76.0
≥ 900	14.2	32.1	37.2	41.5	52.8	56.3	63.5	68.5	71.6	74.8	75.8	76.1	76.7	77.6	77.7	77.7
≥ 800	14.2	32.3	37.3	41.7	53.3	56.9	64.8	70.5	73.8	77.3	78.3	78.6	79.2	80.0	80.2	80.2
≥ 700	14.2	32.3	37.3	41.7	53.3	57.0	65.4	71.9	75.7	79.6	80.9	81.3	81.9	82.8	82.9	82.9
≥ 600	14.2	32.3	37.3	41.7	53.4	57.6	66.0	73.1	77.6	82.2	83.8	84.2	84.9	86.1	86.3	86.3
≥ 500	14.2	32.3	37.3	41.7	53.4	57.6	66.3	73.7	78.1	83.5	86.0	86.5	87.4	88.7	88.9	88.9
≥ 400	14.2	32.3	37.3	41.7	53.4	57.6	66.3	73.7	78.1	84.7	87.4	88.3	89.4	90.7	91.0	91.2
≥ 300	14.2	32.3	37.3	41.7	53.4	57.6	66.3	73.8	78.3	86.0	88.9	90.0	92.0	94.4	94.8	94.9
≥ 200	14.2	32.3	37.3	41.7	53.4	57.6	66.3	73.8	78.3	86.1	89.1	90.3	93.1	96.2	96.8	98.0
≥ 100	14.2	32.3	37.3	41.7	53.4	57.6	66.3	73.8	78.3	86.1	89.1	90.3	93.1	96.4	97.0	99.9
≥ 0	14.2	32.3	37.3	41.7	53.4	57.6	66.3	73.8	78.3	86.1	89.1	90.3	93.1	96.4	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS

691

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG NL

67-76

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	6.0	11.0	11.8	13.3	15.1	15.5	17.3	19.2	20.4	21.4	22.2	22.4	23.0	23.3	23.3	23.7
≥ 20000	6.7	12.4	13.7	15.5	17.5	17.9	20.3	23.4	24.9	26.3	27.2	27.4	28.0	28.2	28.2	28.8
≥ 18000	6.7	12.4	13.7	15.5	17.5	17.9	20.3	23.4	24.9	26.3	27.2	27.4	28.0	28.2	28.2	28.8
≥ 16000	6.7	12.4	13.7	15.5	17.5	17.9	20.3	23.4	24.9	26.3	27.2	27.4	28.0	28.2	28.2	28.8
≥ 14000	6.7	12.6	14.0	15.9	17.9	18.3	20.7	23.8	25.3	26.7	27.6	27.8	28.4	28.6	28.6	29.2
≥ 12000	6.7	13.2	14.5	16.4	18.4	18.8	21.2	24.5	25.9	27.4	28.2	28.5	29.0	29.3	29.3	29.8
≥ 10000	7.0	13.7	15.1	17.1	19.1	19.5	22.0	25.3	27.0	28.5	29.3	29.6	30.1	30.4	30.4	30.9
≥ 9000	7.0	14.0	15.3	17.3	19.5	19.9	22.4	25.7	27.4	28.9	29.7	30.0	30.5	30.8	30.8	31.3
≥ 8000	7.0	14.0	15.3	17.3	19.5	19.9	22.6	25.8	27.7	29.2	30.0	30.2	30.8	31.0	31.0	31.6
≥ 7000	7.0	14.0	15.3	17.3	19.5	19.9	22.7	25.9	27.8	29.3	30.1	30.4	30.9	31.2	31.2	31.7
≥ 6000	7.3	14.2	15.6	17.7	20.2	20.6	23.4	26.6	28.5	30.0	30.8	31.0	31.6	31.9	31.9	32.4
≥ 5000	8.1	15.7	17.7	20.4	23.5	23.9	26.7	30.1	32.0	33.5	34.4	34.7	35.3	35.6	35.6	36.2
≥ 4500	9.0	17.5	19.8	22.4	25.7	26.2	29.2	32.7	34.5	36.2	37.2	37.5	38.4	38.7	38.7	39.2
≥ 4000	9.9	20.7	23.0	25.9	29.3	29.8	32.8	36.3	38.2	39.8	40.9	41.1	42.1	42.3	42.3	42.9
≥ 3500	11.0	23.0	25.3	28.6	32.7	33.7	36.8	40.5	42.5	44.2	45.4	45.8	46.8	47.0	47.0	47.6
≥ 3000	11.7	24.5	27.0	30.8	35.2	36.3	39.4	43.4	45.4	47.2	48.5	48.9	49.9	50.1	50.1	50.7
≥ 2500	12.2	26.5	29.0	33.1	37.8	39.4	42.5	46.8	48.8	50.7	52.0	52.4	53.4	53.6	53.6	54.2
≥ 2000	12.6	28.1	31.3	35.5	40.6	42.3	45.6	50.1	52.2	54.0	55.4	56.0	57.1	57.4	57.4	57.9
≥ 1800	12.6	29.0	32.5	37.1	43.3	45.0	48.8	53.4	55.4	57.3	58.6	59.3	60.3	60.6	60.6	61.2
≥ 1500	12.6	30.8	34.5	39.5	47.0	48.9	53.1	58.5	60.8	62.6	64.0	64.8	65.9	66.1	66.1	66.7
≥ 1200	12.6	31.0	35.1	40.7	48.8	51.3	57.3	63.3	65.9	67.7	69.1	69.9	71.0	71.2	71.2	71.8
≥ 1000	12.6	31.2	35.5	41.3	49.6	52.2	58.5	65.2	68.0	70.2	71.5	72.3	73.4	73.7	73.7	74.2
≥ 900	12.6	31.2	35.6	41.5	50.4	53.1	59.7	66.7	69.5	71.8	73.1	73.9	75.0	75.3	75.3	75.8
≥ 800	12.6	31.2	35.6	41.7	51.5	54.7	61.6	69.2	72.3	75.0	76.6	77.4	78.6	78.9	78.9	79.4
≥ 700	12.6	31.2	35.6	41.7	51.7	55.2	62.6	70.8	74.1	77.0	78.6	79.4	80.6	80.9	80.9	81.5
≥ 600	12.6	31.2	35.6	41.7	51.9	55.5	63.2	72.2	75.5	79.0	81.0	81.9	83.2	83.6	83.6	84.1
≥ 500	12.6	31.2	35.6	41.7	51.9	55.6	63.4	73.1	76.6	81.2	83.5	84.7	86.2	86.6	86.6	87.1
≥ 400	12.6	31.2	35.6	41.7	51.9	55.6	63.7	73.5	77.6	82.4	85.2	86.6	88.3	88.7	88.7	89.4
≥ 300	12.6	31.2	35.6	41.7	51.9	55.6	63.7	73.7	77.8	83.9	87.5	89.2	92.5	93.3	93.4	94.1
≥ 200	12.6	31.2	35.6	41.7	51.9	55.6	63.7	73.7	77.8	84.0	88.0	89.8	94.0	95.6	95.8	97.3
≥ 100	12.6	31.2	35.6	41.7	51.9	55.9	64.0	73.9	78.1	84.3	88.3	90.2	94.4	96.1	96.4	100.0
≥ 0	12.6	31.2	35.6	41.7	51.9	55.9	64.0	73.9	78.1	84.3	88.3	90.2	94.4	96.1	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SUESTERBERG MI

67-76

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	5.4	10.9	13.2	14.3	15.7	16.3	18.6	21.6	23.0	23.8	24.2	24.5	25.8	25.9	25.9	26.3
≥ 20000	5.7	11.9	14.3	15.4	17.2	17.9	20.5	23.8	25.2	26.5	26.9	27.3	28.5	28.7	28.7	29.1
≥ 18000	5.7	11.9	14.3	15.4	17.2	17.9	20.5	23.8	25.2	26.5	26.9	27.3	28.5	28.7	28.7	29.1
≥ 16000	5.7	11.9	14.3	15.4	17.2	17.9	20.5	23.8	25.2	26.5	26.9	27.3	28.5	28.7	28.7	29.1
≥ 14000	5.7	11.9	14.3	15.4	17.2	17.9	20.5	23.8	25.2	26.5	26.9	27.3	28.5	28.7	28.7	29.1
≥ 12000	5.7	11.9	14.3	15.4	17.2	17.9	20.5	23.8	25.2	26.5	26.9	27.3	28.5	28.7	28.7	29.1
≥ 10000	6.6	13.0	15.4	16.5	18.6	19.3	21.9	25.3	26.7	28.0	28.4	28.8	30.1	30.2	30.2	30.6
≥ 9000	6.8	13.2	15.5	16.6	18.7	19.5	22.3	25.9	27.3	28.5	28.9	29.4	30.6	30.7	30.7	31.2
≥ 8000	6.8	13.4	15.8	17.0	19.1	19.9	22.7	26.5	28.0	29.2	29.6	30.1	31.3	31.4	31.4	31.9
≥ 7000	6.8	13.4	15.8	17.0	19.1	19.9	22.7	26.7	28.3	29.5	29.9	30.3	31.6	31.7	31.7	32.1
≥ 6000	7.2	13.9	16.2	17.6	19.7	20.5	23.3	27.3	28.8	30.1	30.5	30.9	32.1	32.3	32.3	32.7
≥ 5000	7.8	15.5	18.0	19.8	22.3	23.1	26.5	30.9	32.4	33.7	34.5	34.9	36.3	36.6	36.6	37.0
≥ 4500	8.6	18.3	21.1	23.3	26.0	27.0	30.3	34.9	36.6	37.8	38.8	39.2	40.6	40.9	40.9	41.3
≥ 4000	9.1	20.6	23.8	26.2	29.2	30.3	33.7	38.5	40.2	41.4	42.4	43.1	44.7	45.0	45.0	45.4
≥ 3500	9.8	23.0	26.3	28.7	32.1	33.8	37.4	42.4	44.2	45.4	46.4	47.1	48.8	49.0	49.0	49.4
≥ 3000	10.4	24.7	28.0	30.6	34.3	36.1	39.9	45.2	47.1	48.3	49.3	50.0	51.7	51.9	51.9	52.4
≥ 2500	11.8	27.1	30.6	33.4	37.7	39.5	43.2	48.5	50.4	51.7	52.6	53.5	55.1	55.4	55.4	55.8
≥ 2000	11.9	28.9	32.8	36.0	41.6	43.5	47.4	53.0	55.0	56.4	57.3	58.2	60.0	60.2	60.2	60.7
≥ 1800	11.9	29.4	33.4	36.7	42.8	44.9	48.9	54.6	56.5	57.9	58.9	59.7	61.6	61.9	61.9	62.3
≥ 1500	12.0	30.5	34.6	38.2	45.0	47.2	51.8	58.0	60.4	61.8	62.7	63.7	65.7	65.9	65.9	66.3
≥ 1200	12.0	31.0	35.6	39.3	48.1	50.7	55.7	62.3	64.8	66.2	67.2	68.1	70.1	70.4	70.4	70.8
≥ 1000	12.0	31.4	36.0	39.8	49.4	52.1	57.8	64.4	66.9	68.4	69.4	70.4	72.3	72.6	72.6	73.0
≥ 900	12.0	31.4	36.0	39.8	50.3	53.0	59.6	66.3	68.8	70.4	71.3	72.3	74.2	74.5	74.5	74.9
≥ 800	12.0	31.4	36.1	40.0	51.9	54.8	61.9	69.4	72.2	73.7	74.8	75.8	77.7	78.1	78.1	78.5
≥ 700	12.0	31.4	36.1	40.3	52.8	56.0	63.6	71.3	74.2	75.8	76.9	77.8	79.8	80.2	80.2	80.6
≥ 600	12.0	31.4	36.1	40.3	52.9	56.2	64.3	72.4	75.5	77.4	78.7	79.6	81.6	82.0	82.0	82.4
≥ 500	12.0	31.4	36.1	40.6	53.3	56.9	65.0	73.7	77.8	80.7	82.4	83.4	85.3	85.7	85.7	86.1
≥ 400	12.0	31.4	36.1	40.6	53.6	57.3	65.4	74.8	79.1	82.8	84.8	85.7	87.7	88.1	88.2	88.6
≥ 300	12.0	31.4	36.1	40.6	53.6	57.3	65.4	74.8	79.5	84.8	87.5	88.8	91.4	92.4	92.5	93.2
≥ 200	12.0	31.4	36.1	40.6	53.6	57.3	65.4	74.8	79.5	85.0	87.8	89.6	92.5	95.8	96.0	97.5
≥ 100	12.0	31.4	36.1	40.6	53.6	57.3	65.4	74.8	79.5	85.0	87.8	89.6	92.5	96.5	96.8	99.9
≥ 0	12.0	31.4	36.1	40.6	53.6	57.3	65.4	74.8	79.5	85.0	87.8	89.6	92.5	96.5	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS

722

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265
STATION

SUESTERBERG NL
STATION NAME

67-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	4.9	10.8	12.0	13.0	14.8	15.6	17.5	19.4	20.5	21.6	22.1	22.4	23.0	23.2	23.2	23.5
≥ 20000	5.7	12.6	14.2	15.6	18.3	19.2	21.6	24.1	25.4	26.7	27.4	27.8	28.3	28.6	28.6	28.9
≥ 18000	5.7	12.6	14.2	15.6	18.3	19.3	21.7	24.2	25.5	26.8	27.5	27.9	28.4	28.7	28.7	28.9
≥ 16000	5.7	12.6	14.2	15.6	18.3	19.3	21.7	24.2	25.5	26.8	27.5	27.9	28.5	28.7	28.7	29.0
≥ 14000	5.7	12.7	14.3	15.7	18.4	19.4	21.9	24.3	25.6	27.0	27.6	28.0	28.6	28.8	28.8	29.1
≥ 12000	5.8	12.8	14.5	15.9	18.7	19.6	22.2	24.7	26.0	27.3	28.0	28.4	28.9	29.2	29.2	29.4
≥ 10000	6.0	13.5	15.2	16.7	19.6	20.6	23.3	25.8	27.2	28.6	29.2	29.6	30.2	30.4	30.4	30.7
≥ 9000	6.1	13.7	15.5	17.1	20.3	21.3	24.2	26.8	28.2	29.6	30.3	30.7	31.2	31.5	31.5	31.8
≥ 8000	6.1	14.0	15.9	17.6	20.9	21.9	24.8	27.5	29.0	30.4	31.1	31.5	32.1	32.3	32.3	32.6
≥ 7000	6.1	14.1	15.9	17.6	21.0	22.0	25.0	27.6	29.1	30.6	31.3	31.7	32.2	32.5	32.5	32.7
≥ 6000	6.3	14.3	16.2	17.9	21.3	22.3	25.4	28.0	29.6	31.0	31.8	32.2	32.7	33.0	33.0	33.3
≥ 5000	6.7	15.6	17.9	20.0	24.0	25.1	28.4	31.3	32.9	34.4	35.2	35.6	36.2	36.5	36.5	36.8
≥ 4500	7.3	17.2	19.7	22.0	26.2	27.4	30.8	33.9	35.5	37.2	38.0	38.4	39.1	39.3	39.4	39.6
≥ 4000	8.1	19.4	22.1	24.5	29.0	30.3	33.9	37.1	38.9	40.5	41.5	41.9	42.6	42.9	42.9	43.2
≥ 3500	9.0	21.7	24.5	27.0	32.0	33.5	37.4	40.8	42.6	44.4	45.3	45.8	46.5	46.8	46.8	47.1
≥ 3000	9.5	23.4	26.4	29.1	34.6	36.3	40.5	44.2	46.1	47.9	48.9	49.4	50.1	50.4	50.5	50.7
≥ 2500	10.2	25.5	28.8	31.6	37.6	39.5	43.9	47.8	49.8	51.7	52.7	53.2	53.9	54.2	54.2	54.5
≥ 2000	10.4	27.0	30.6	33.7	40.5	42.5	47.2	51.4	53.5	55.6	56.6	57.2	58.0	58.3	58.3	58.6
≥ 1800	10.5	27.9	31.6	34.8	42.3	44.4	49.4	53.7	55.8	57.9	59.0	59.5	60.3	60.7	60.7	61.0
≥ 1500	10.7	29.1	33.1	36.7	45.1	47.4	52.8	57.5	59.9	62.1	63.1	63.7	64.5	64.9	64.9	65.2
≥ 1200	10.7	29.7	34.1	38.0	47.9	50.9	57.0	62.2	64.8	67.0	68.2	68.8	69.6	70.0	70.0	70.3
≥ 1000	10.7	30.0	34.4	38.6	49.2	52.4	59.2	64.9	67.6	70.1	71.2	71.9	72.7	73.1	73.1	73.4
≥ 900	10.7	30.0	34.6	38.8	50.0	53.5	60.7	66.9	69.8	72.4	73.6	74.2	75.1	75.5	75.5	75.8
≥ 800	10.7	30.1	34.7	39.0	50.9	54.8	62.6	69.2	72.5	75.2	76.4	77.1	78.0	78.4	78.4	78.7
≥ 700	10.7	30.1	34.8	39.2	51.5	55.6	63.9	70.9	74.5	77.3	78.7	79.4	80.3	80.7	80.7	81.0
≥ 600	10.7	30.1	34.8	39.3	51.7	56.0	64.6	72.4	76.2	79.5	80.9	81.7	82.6	83.1	83.2	83.5
≥ 500	10.7	30.2	34.8	39.3	51.9	56.3	65.1	73.6	78.0	81.9	83.7	84.6	85.7	86.3	86.4	86.7
≥ 400	10.8	30.2	34.8	39.3	52.0	56.5	65.4	74.2	79.1	83.6	85.7	86.8	88.1	88.8	89.0	89.3
≥ 300	10.8	30.2	34.8	39.3	52.0	56.6	65.5	74.5	79.5	84.9	87.5	89.0	90.9	92.3	92.6	93.2
≥ 200	10.8	30.2	34.8	39.3	52.0	56.6	65.5	74.5	79.5	85.3	88.1	89.8	92.3	94.9	95.4	97.0
≥ 100	10.8	30.2	34.8	39.3	52.0	56.6	65.5	74.5	79.6	85.4	88.2	89.9	92.5	95.4	96.0	99.8
≥ 0	10.8	30.2	34.8	39.3	52.0	56.6	65.5	74.5	79.6	85.4	88.2	89.9	92.5	95.4	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS

5762

USAF ETAC

FORM
JUL 64

0-14-5 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

06265

SOFSTERBERG N

7-77

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	10.7	19.7	21.5	22.7	26.2	27.3	28.9	30.5	31.4	32.2	32.6	32.8	33.1	33.3	33.4	33.8
≥ 20000	13.1	24.7	26.9	28.5	33.1	34.5	36.6	38.6	39.7	40.7	41.1	41.4	41.7	41.9	42.0	42.4
≥ 18000	13.1	24.8	27.0	28.7	33.2	34.7	36.8	38.8	39.9	40.9	41.3	41.6	41.9	42.1	42.2	42.6
≥ 16000	13.1	24.8	27.0	28.7	33.2	34.7	36.8	38.8	39.9	40.9	41.4	41.6	41.9	42.2	42.2	42.6
≥ 14000	13.2	24.9	27.2	28.8	33.4	34.8	37.0	39.0	40.1	41.1	41.5	41.8	42.1	42.3	42.4	42.8
≥ 12000	13.3	25.3	27.6	29.2	33.9	35.4	37.6	39.6	40.7	41.8	42.2	42.4	42.8	43.0	43.1	43.5
≥ 10000	14.0	27.0	29.5	31.3	36.4	38.0	40.4	42.6	43.8	44.9	45.3	45.6	45.9	46.2	46.3	46.6
≥ 9000	14.3	27.9	30.6	32.6	38.0	39.7	42.3	44.7	45.9	47.1	47.6	47.9	48.2	48.4	48.5	48.9
≥ 8000	14.5	28.7	31.5	33.6	39.4	41.2	44.0	46.5	47.8	49.0	49.5	49.8	50.1	50.4	50.5	50.9
≥ 7000	14.6	28.8	31.6	33.7	39.6	41.4	44.2	46.7	48.0	49.3	49.8	50.0	50.4	50.6	50.7	51.1
≥ 6000	14.8	29.2	32.0	34.2	40.1	42.0	44.8	47.4	48.7	50.0	50.5	50.8	51.1	51.4	51.5	51.9
≥ 5000	15.7	31.3	34.3	36.6	43.1	45.1	48.2	50.9	52.4	53.7	54.3	54.5	54.9	55.2	55.3	55.7
≥ 4500	16.6	33.2	36.4	38.8	45.7	47.8	51.0	53.9	55.4	56.8	57.3	57.6	58.0	58.3	58.4	58.8
≥ 4000	17.6	35.4	38.9	41.5	48.8	51.0	54.5	57.6	59.2	60.7	61.2	61.5	61.9	62.2	62.3	62.7
≥ 3500	18.5	37.5	41.1	43.9	51.7	54.0	57.6	60.8	62.5	64.0	64.6	64.9	65.4	65.6	65.7	66.1
≥ 3000	19.6	39.7	43.5	46.5	54.7	57.1	60.9	64.3	66.0	67.6	68.2	68.6	69.0	69.3	69.4	69.8
≥ 2500	20.5	41.6	45.7	48.8	57.4	60.0	63.9	67.4	69.1	70.8	71.5	71.8	72.2	72.5	72.6	73.0
≥ 2000	21.3	43.7	48.0	51.2	60.5	63.3	67.4	71.1	73.0	74.7	75.4	75.7	76.1	76.4	76.5	76.9
≥ 1800	21.5	44.4	48.8	52.2	61.8	64.6	68.8	72.6	74.6	76.4	77.0	77.4	77.8	78.1	78.2	78.6
≥ 1500	21.7	45.4	50.0	53.5	63.8	66.8	71.3	75.2	77.3	79.1	79.8	80.2	80.6	80.9	81.0	81.4
≥ 1200	21.7	46.0	50.9	54.6	65.6	69.0	73.8	78.1	80.3	82.2	82.9	83.3	83.8	84.1	84.2	84.6
≥ 1000	21.8	46.2	51.2	55.0	66.4	69.9	75.0	79.4	81.7	83.7	84.5	84.9	85.3	85.7	85.8	86.2
≥ 900	21.8	46.3	51.3	55.2	66.9	70.6	75.9	80.6	83.0	85.1	85.8	86.2	86.7	87.0	87.1	87.5
≥ 800	21.8	46.4	51.4	55.4	67.4	71.3	76.8	81.8	84.3	86.5	87.3	87.7	88.2	88.5	88.6	89.0
≥ 700	21.8	46.4	51.5	55.5	67.8	71.8	77.5	82.8	85.4	87.8	88.7	89.1	89.6	89.9	90.0	90.4
≥ 600	21.8	46.4	51.6	55.6	68.0	72.1	78.1	83.8	86.7	89.3	90.3	90.7	91.3	91.7	91.8	92.2
≥ 500	21.8	46.5	51.6	55.6	68.1	72.3	78.4	84.5	87.7	90.7	91.7	92.2	92.9	93.3	93.5	93.9
≥ 400	21.8	46.5	51.6	55.6	68.2	72.4	78.6	84.9	88.3	91.6	92.9	93.4	94.2	94.8	94.9	95.3
≥ 300	21.8	46.5	51.6	55.6	68.2	72.4	78.7	85.1	88.7	92.4	93.9	94.6	95.7	96.5	96.7	97.3
≥ 200	21.8	46.5	51.6	55.6	68.2	72.4	78.7	85.1	88.8	92.5	94.1	94.9	96.2	97.3	97.7	98.9
≥ 100	21.8	46.5	51.6	55.6	68.2	72.4	78.7	85.1	88.8	92.5	94.1	94.9	96.3	97.5	97.9	99.8
≥ 0	21.8	46.5	51.6	55.6	68.2	72.4	78.7	85.1	88.8	92.5	94.2	95.0	96.3	97.5	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 68096

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- * 1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
- a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- * 2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
- a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 STATION SOESTERBERG NL 08-77 YEARS JAN MONTH
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet bulb	Dew Point	
56/ 55				.2	.2													4	4			
54/ 53			.1	.1	.2													4	4			
52/ 51		.5	1.0															12	13	1		
50/ 49	.2	1.2	1.0		.1													21	21	18	3	
48/ 47	.9	1.9	1.0	.4														33	34	26	16	
46/ 45	1.0	4.6	1.0	.5														57	57	44	24	
44/ 43	1.9	4.7	.1	.4														57	57	67	47	
42/ 41	2.9	10.5	1.2	.2														120	120	84	105	
40/ 39	1.5	5.6	.7															63	63	78	73	
38/ 37	2.2	4.2	.5															65	65	84	83	
36/ 35	2.9	6.4	.9	.2														84	84	64	72	
34/ 33	4.6	3.0		.1														62	62	100	69	
32/ 31	4.2	4.8	.2															76	77	75	92	
30/ 29	2.9	2.0	.2															39	39	48	64	
28/ 27	2.6	.1	.1															23	23	29	43	
26/ 25	1.4	.4	.1															15	15	13	22	
24/ 23	2.6	.6	.1															27	27	25	27	
22/ 21	.5																	4	4	9	8	
20/ 19	.6	.2																7	7	6	12	
18/ 17	1.1	.6																14	14	13	9	
16/ 15	.6	.4																8	8	9	5	
14/ 13	.2	.4																5	5	-	9	
12/ 11	.2	.4																5	5	7	7	
10/ 9																					6	
8/ 7	.1																	1	1	1	4	
6/ 5																					2	
4/ 3																			1		2	
2/ 1	.1																	1	1	1		
0/ -1																					1	
TOTAL	36.2	52.5	8.4	2.2	.6													807	811	807	807	
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	6686874		73032		90.5		9.813		807		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F	
Dry Bulb	1149413		29761		36.7		8.410		811				26.0								93	
Wet Bulb	1074042		28748		35.6		7.872		807				27.8								93	
Dew Point	992470		27498		34.1		8.290		807		.1		36.1								93	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SUESTERBERG NL
STATION STATION NAME

68-77
YEARS

JAN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
56/ 55				.1														1	1			
54/ 53			.3	.1	.1													4	4			
52/ 51		.9	.1	.1														9	9	4		
50/ 49	.3	1.2	1.3	.7	.4													29	29	12	10	
48/ 47	1.0	2.2	1.2	.4	.1													38	38	21	16	
46/ 45	.9	3.5	.5	.7														43	43	37	22	
44/ 43	2.2	6.2	.5	.3														70	70	64	46	
42/ 41	1.6	8.0	1.3	.3	.1													86	87	70	67	
40/ 39	1.8	5.4	.8															61	62	89	78	
38/ 37	3.5	4.7	.4															66	66	81	75	
36/ 35	2.5	6.0	.7															70	70	67	70	
34/ 33	3.3	5.0	.5															67	67	64	66	
32/ 31	7.1	3.9	.4															87	87	83	124	
30/ 29	3.4	1.4	.1															38	38	48	59	
28/ 27	2.1	.5																20	20	23	32	
26/ 25	1.6	.5	.1															17	17	18	18	
24/ 23	.9	.1	.1															9	9	9	19	
22/ 21	1.4																	11	11	13	13	
20/ 19	.8	.5																10	10	10	10	
18/ 17	.3																	2	2	3	6	
16/ 15	.7																	5	5	5	4	
14/ 13	1.4	.5																15	15	13	10	
12/ 11	.1	.3																3	3	3	7	
10/ 9																				2	5	
8/ 7																					1	
4/ 3																					1	
2/ 1	.1																	1	1	1	2	
0/ -1																					1	
TOTAL	37.1	51.0	3.4	2.6	.8													762	764	762	762	
Element (X)	Σ x ²		Σ x		Σ	Σ x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	6325009		69013		90.6	9.902		762		≤ 0 F	≤ 32 F	≥ 67 F		≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	1082753		28079		36.8	8.158		764			26.5						93					
Wet Bulb	1013061		27163		35.6	7.671		762			28.2						93					
Dew Point	935424		25994		34.1	7.999		762		.1	38.1						93					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SUESTERBERG NL 68-77 JAN
STATION STATION NAME YEARS MONTH
PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
52/ 51		.4	.4	.4														9	9	1				
50/ 49		1.8	.3	.5														20	20	9	5			
48/ 47	.3	1.5	.6	.4	.1													23	23	15	10			
46/ 45	1.0	3.4	.6	.5														44	45	39	23			
44/ 43	1.4	5.6	.6	.5														64	64	54	31			
42/ 41	4.2	9.4	1.5	.1	.1													121	121	103	111			
40/ 39	2.8	7.0	.9															84	84	85	73			
38/ 37	2.3	5.2	.3															61	61	80	74			
36/ 35	1.8	5.0	.4	.1														57	57	59	72			
34/ 33	6.2	4.1	.3															83	83	101	71			
32/ 31	4.8	4.6	.3															76	76	82	98			
30/ 29	2.3	1.5																30	30	43	66			
28/ 27	2.3	.4	.1															22	23	20	41			
26/ 25	.9	.6	.1															13	13	12	11			
24/ 23	1.5	.5	.1															17	17	17	25			
22/ 21	1.0	.1	.1															16	16	17	15			
20/ 19	1.0		.1															9	9	11	8			
18/ 17	.5	.3																6	6	5	11			
16/ 15	.9	.4																10	10	10	4			
14/ 13	1.4	.1																12	12	13	13			
12/ 11		.4																3	3	3	9			
10/ 9	.1	.3																3	3	4	4			
8/ 7																					3			
6/ 5	.1																	1	1	1	2			
4/ 3																					2			
2/ 1																					2			
TOTAL	37.8	52.7	6.8	2.6	.3													784	786	784	784			
Element (X)	Σ x ²		Σ x		Σ	Σ x	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.	6551760		71288		90.9	9.431	784		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1034837		28473		36.2	8.243	784			25.9					93									
Wet Bulb	1019710		27600		35.2	7.836	784			28.2					93									
Dew Point	944717		26435		33.7	8.257	784			37.2					93									

PSYCHROMETRIC SUMMARY

68-77

IAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

YEARS

JAN
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
66/ 65		.1																1	1	1			
64/ 63																					1		
54/ 53		.3	.5	.1	.1													8	8	1			
52/ 51		.5	.7	.3														11	11	1	2		
50/ 49	.3	1.4	2.9	.4														38	38	13	6		
48/ 47	.4	2.7	4.2	.7														61	61	34	11		
46/ 45	1.3	6.5	1.7	1.3	.1	.1												85	85	75	37		
44/ 43	1.6	6.5	1.7	1.3														85	86	90	60		
42/ 41	3.1	9.2	3.1	.9	.1													127	127	98	120		
40/ 39	3.3	3.8	2.0	.3														71	71	104	89		
38/ 37	2.0	6.0	.9	.8														74	74	75	82		
36/ 35	1.6	3.9	1.3															52	52	75	73		
34/ 33	3.6	2.0	.8															49	49	70	69		
32/ 31	1.8	2.3	.5															36	37	46	67		
30/ 29	1.2	.8																15	15	29	39		
28/ 27	1.2	.5	.3															15	15	13	34		
26/ 25	.3	.1	.3															5	5	4	15		
24/ 23	.4	1.8	.4															20	20	5	19		
22/ 21	.1	.7	.1															7	7	18	6		
20/ 19		.4																3	3	8	3		
18/ 17	.3	.1																3	3	5	4		
16/ 15	.1	.1																2	2	2	7		
14/ 13		.1																1	1	1	14		
12/ 11																				1	.5		
10/ 9																					1		
8/ 7																					2		
6/ 5																					3		
TOTAL	22.4	49.9	21.2	6.0	.4	.1												769	771	769	769		
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	5739067		65777		85.5	12.118	769		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	1261820		30706		39.8	7.109	771			13.0					93								
Wet Bulb	1150616		29284		38.1	6.795	769			16.0					93								
Dew Point	1023146		27402		35.6	7.800	769			26.5					93								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
56/ 55					.4													3	3			
54/ 53		.4	.4	.1	.4													10	10	1		
52/ 51		.5	.7															9	9	2	2	
50/ 49	.8	2.4	3.3	.5	.1			.1										55	55	18	11	
48/ 47	.8	3.3	4.0	.9	.1													69	69	38	22	
46/ 45	1.1	6.8	2.3	1.1	.1		.1											86	86	58	36	
44/ 43	1.5	6.4	2.1	.7		.1												81	82	99	52	
42/ 41	1.2	8.7	3.3	.9	.1													107	107	82	87	
40/ 39	1.7	3.9	2.0	.7														62	62	115	86	
38/ 37	1.9	4.9	1.1	.7														64	64	73	84	
36/ 35	1.1	4.3	.8	.5														50	50	74	73	
34/ 33	1.5	2.8	.9	.1														40	40	56	68	
32/ 31	3.2	2.9	.3															48	49	48	82	
30/ 29	1.1	1.6	.1															21	21	35	43	
28/ 27	.3	.3	.1															5	5	8	25	
26/ 25	.1	.8																7	7	3	12	
24/ 23	.7	.8	.7															16	16	12	17	
22/ 21		.8																6	6	8	9	
20/ 19		.5	.3															6	6	11	4	
18/ 17		.4																3	3	6	5	
16/ 15		.1																1	1	2	9	
14/ 13		.1																1	1	1	11	
12/ 11																					2	
10/ 9																					5	
8/ 7																					4	
6/ 5																					1	
TOTAL	16.8	52.8	22.4	6.3	1.3	.1	.1	.1										750	752	750	750	
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	5432407		63109		84.1		12.767		750		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	1250244		30188		40.1		7.150		732			14.2					93					
Wet Bulb	1129184		28650		38.2		6.812		730			16.6					93					
Dew Point	991520		26612		35.5		7.943		750			28.4					93					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SUESTERBERG NL
STATION STATION NAME

68-77
YEARS

JAN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
56/ 55					.2													2	2				
54/ 53			.1		.4													4	4				
52/ 51		.6	.6															10	10				
50/ 49	.4	1.6	1.4															27	27	11	6		
48/ 47	.7	2.8	.6	.2	.1													37	37	34	14		
46/ 45	.4	6.3	.5	.6	.1													64	64	45	24		
44/ 43	1.2	6.6	.7	.6														75	75	81	53		
42/ 41	2.0	11.9	3.7	.1		.1												145	145	86	105		
40/ 39	3.0	5.2	2.0	.1	.1													84	84	111	95		
38/ 37	2.0	5.3	.7		.1													66	67	88	88		
36/ 35	1.7	5.5	.7															65	65	74	72		
34/ 33	2.4	2.6	.7															55	55	80	67		
32/ 31	3.0	3.3	.9															58	59	55	91		
30/ 29	2.3	3.1	.4															47	47	60	51		
28/ 27	1.6	.5																17	17	28	40		
26/ 25	.6	.4																8	8	10	24		
24/ 23	.4	1.2	.1															14	14	6	25		
22/ 21	.2	.5																6	6	12	7		
20/ 19	.1	1.2	.1															12	12	6	6		
18/ 17	.4	.5																7	7	12	6		
16/ 15	.4																	3	3	7	9		
14/ 13		.1																1	1	1	12		
12/ 11	.2	.1																3	3	3	5		
10/ 9	.1																	1	1	1	6		
8/ 7	.1																	1	1	1	4		
6/ 5	.1																	1	1	1	3		
TOTAL	24.4	59.4	13.3	1.7	1.1	.1												813	815	813	813		
Element (X)	Σ x ²			Σ x		Σ	Σ x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	6349816			71350		87.8	10.413	813		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	1221712			30938		38.0	7.621	815			20.5					93							
Wet Bulb	1130059			29727		36.6	7.286	813			23.2					93							
Dew Point	1021046			28068		34.5	8.005	813			33.1					93							

USAF ETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265

SOESTERBERG NL

68-77

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55					.8													6	6		
52/ 51	.1	.9	.5															12	12	2	1
50/ 49	.6	1.7	1.7	.3														33	33	16	13
48/ 47	.8	3.4	1.8	.3	.4													51	52	32	13
46/ 45	.9	4.5	.5	.3	.1													49	49	48	41
44/ 43	1.3	6.5	.8	.3														68	68	57	40
42/ 41	1.4	8.5	1.3	.3														89	89	77	83
40/ 39	2.2	5.8	1.9															77	77	100	73
38/ 37	2.6	5.7	1.3	.1	.1													76	76	84	76
36/ 35	2.8	5.0	.3															63	63	82	81
34/ 33	2.7	4.1	.3															55	55	71	67
32/ 31	5.4	3.6	.6	.1														76	76	61	109
30/ 29	3.1	1.0	.1															33	33	47	52
28/ 27	2.2	.5	.1															22	22	27	36
26/ 25	1.4																	11	11	16	12
24/ 23	.5	.3																6	6	5	19
22/ 21	.3	.8	.1															9	9	5	3
20/ 19	.3	1.0																10	10	12	5
18/ 17	.5	.8	.1															11	11	11	5
16/ 15	.8																	6	6	10	7
14/ 13	.8																	6	6	6	19
12/ 11	.3																	2	2	2	11
10/ 9																					3
6/ 5	.1																	1	1	1	2
4/ 3	.1																	1	1	1	1
0/ -1																					1
TOTAL	31.3	54.2	11.5	1.6	1.4													773	774	773	773
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	6247704		69042		89.3	10.248	773		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	1143238		29072		37.6	8.144	774			23.3					93						
Wet Bulb	1064504		28064		36.3	7.688	773			24.5					93						
Dew Point	975158		26706		34.5	8.247	773		.1	34.3					93						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

06265 SOESTERBERG NL 8-77 JAN
STATION STATION NAME YEARS MONTH
PAGE 1 ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65		.0																1	1	1					
64/ 63																					1				
56/ 55				.0	.2													16	16						
54/ 53		.1	.2	.1	.2													30	30	2					
52/ 51	.0	.6	.5	.1														80	81	14	6				
50/ 49	.4	1.7	1.6	.3	.1			.0										258	259	111	71				
48/ 47	.7	2.6	1.8	.5	.1													351	353	228	121				
46/ 45	1.0	5.1	1.0	.7	.1	.0	.0											487	489	389	236				
44/ 43	1.6	6.3	.9	.6		.0												587	589	579	381				
42/ 41	2.4	9.1	2.2	.4	.1	.0												876	877	687	749				
40/ 39	2.3	5.2	1.4	.2	.0													559	560	764	633				
38/ 37	2.5	5.3	.7	.2	.0													541	542	638	639				
36/ 35	2.0	5.3	.8	.1														508	508	563	579				
34/ 33	3.6	3.5	.5	.0														466	466	643	551				
32/ 31	4.5	3.8	.4	.0														542	546	532	769				
30/ 29	2.3	1.6	.1															246	246	346	424				
28/ 27	1.7	.4	.1															138	139	163	281				
26/ 25	1.0	.4	.1															89	89	88	132				
24/ 23	1.0	.7	.2															119	119	89	166				
22/ 21	.6	.4	.1															69	72	92	72				
20/ 19	.4	.5	.1															65	65	73	52				
18/ 17	.5	.4	.0															51	51	60	49				
16/ 15	.6	.1																43	43	55	53				
14/ 13	.6	.2																49	49	45	104				
12/ 11	.1	.2																17	17	22	50				
10/ 9	.0	.0																5	5	9	32				
8/ 7	.0																	3	3	3	20				
6/ 5	.0																	3	3	3	16				
4/ 3	.0																	1	2	1	8				
2/ 1	.0																	2	2	2	4				
0/ -1																					3				
TOTAL	29.8	53.6	12.6	3.1	.8	.1	.0	.0											6222		6202				
																						6202		6202	
Element (X)	Σx ²		Σx		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.	49401223		549415		88.6		10.853		6202		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				Total					
Dry Bulb	9293053		235281		37.8		7.979		6222			173.5								744					
Wet Bulb	8607231		226285		36.5		7.524		6202			189.9								744					
Dew Point	7826696		214510		34.6		8.103		6202		.4	268.1								744					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SOESTERBERG NL
STATION NAME

58-77
YEARS

FEB
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point		
54/ 53				.1														1	2					
50/ 49		.5																4	5	4	1			
48/ 47		.5	.4															7	7	1	2			
46/ 45	.3	2.8	.3															25	25	11	6			
44/ 43	.5	4.0		.1														35	36	43	17			
42/ 41	1.6	11.3	.9	.8														109	109	44	63			
40/ 39	1.8	7.4	.9															75	75	88	67			
38/ 37	2.2	5.9	.1	.3														63	63	84	77			
36/ 35	2.6	8.1	1.8	.1														93	93	73	67			
34/ 33	6.7	2.6	.1	.1														71	71	111	84			
32/ 31	3.6	5.4	.7	.1														73	73	74	87			
30/ 29	4.5	3.9																62	62	70	66			
28/ 27	4.3	1.9																46	46	57	61			
26/ 25	2.6	.9	.1															27	27	26	40			
24/ 23	1.6	1.1																20	20	23	48			
22/ 21	.9																	7	7	9	13			
20/ 19	.5	.5																8	8	5	14			
18/ 17	.5	.5																8	8	9	9			
16/ 15	.1																	1	1	3	3			
14/ 13	.1																	1	1	1	6			
12/ 11	.3																	2	2	2	5			
10/ 9																					2			
6/ 5	.3																	2	2	2				
4/ 3	.1																	1	1	1	3			
TOTAL	35.2	57.6	5.4	1.8														741	744	741	741			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.	6146732		67176		90.7		8.764		741		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84							
Dry Bulb	940461		25955		34.9		6.864		744			29.1					84							
Wet Bulb	881406		25096		33.9		6.520		741			32.0					84							
Dew Point	809781		23933		32.3		7.051		741			40.5					84							

PSYCHROMETRIC SUMMARY

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
52/ 51				.1														1	1				
50/ 49		.1	.1															2	2	1			
48/ 47	.1	.4	.4															7	7	2	2		
46/ 45	.5	2.2																20	20	14	7		
44/ 43	.4	3.7																30	30	33	12		
42/ 41	1.6	7.2	.9															72	73	40	62		
40/ 39	1.9	7.3	.8															74	74	63	42		
38/ 37	1.8	8.4	.3															77	77	77	68		
36/ 35	3.1	8.1	.4															86	87	89	83		
34/ 33	5.6	1.5	.7															57	57	97	94		
32/ 31	6.6	6.9	1.4															110	110	82	88		
30/ 29	3.9	3.7	.4															59	59	87	58		
28/ 27	4.5	1.1																41	41	46	56		
26/ 25	3.3	.8	.3															32	32	33	47		
24/ 23	2.2	.5																20	20	23	53		
22/ 21	1.1	.1																9	9	9	10		
20/ 19	1.4	.3																12	12	12	19		
18/ 17	.9	.3																9	9	9	5		
16/ 15	1.4																	10	10	11	13		
14/ 13	.4																	3	3	3	9		
12/ 11																					3		
10/ 9	.3																	2	2	2			
8/ 7	.1																	1	1	1	2		
6/ 5																					1		
0/ -1	.4																	3	3	3	1		
-2/ -3																					1		
-4/ -5																					1		
TOTAL	41.5	52.6	5.7	.1															737		737		
																		737		737			
Element (X)	Σ x²		Σ x		x̄		s²		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.	6277068		67766		91.9		7.913		737		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	882637		24973		33.8		7.244		739		.3		35.4										84
Wet Bulb	836956		24292		33.0		6.962		737		.3		36.6										84
Dew Point	777172		23316		31.6		7.329		737		.3		41.8										84

PSYCHROMETRIC SUMMARY

FEB

MONTH

0900-1100

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06255
STATION

SUESTERBERG NL
STATION NAME

8-77
YEARS

YEARS

FEB
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
56/ 55						.1												1	1			
54/ 53			.1	.4	.7													9	9			
52/ 51			.7	.9	.5													16	16			
50/ 49	.1	.8	1.9	1.6	.5		.3											39	39	4	1	
48/ 47	.7	1.5	3.0	1.6	1.2	.1												60	60	23	9	
46/ 45	.5	3.9	2.3	2.3	1.1	.1												76	76	51	12	
44/ 43	.5	3.9	3.7	2.4	.4													81	81	82	30	
42/ 41	1.5	7.7	6.2	2.0	.8													135	137	83	81	
40/ 39	2.4	4.5	2.2	1.1	.4													78	78	118	77	
38/ 37	.3	3.4	1.1	1.1	.8													49	49	95	71	
36/ 35	1.6	4.3	1.2	.5	.3													59	59	68	76	
34/ 33	3.1	2.0	1.5	.4														52	53	76	96	
32/ 31	1.5	2.6	1.4	.3														42	42	58	82	
30/ 29	.7	.8		.3														13	13	36	47	
28/ 27	.8	.1	.1															8	8	19	40	
26/ 25	.4	.5		.1														8	8	7	35	
24/ 23	.3	.8																8	8	9	28	
22/ 21	.1	.1																2	2	7	14	
20/ 19		.1																1	1		16	
18/ 17																				1	10	
16/ 15																					5	
14/ 13																					4	
10/ 9																					1	
8/ 7																					2	
TOTAL	14.7	37.3	25.4	15.2	6.8	.4	.3											737	740	737	737	
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.	4690308		57638		78.2	15.754	737		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	1241868		29960		40.5	6.253	740			9.3					84							
Wet Bulb	1070752		27784		37.7	5.630	737			15.6					84							
Dew Point	873516		24848		33.7	6.971	737			32.4					84							

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1800-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

FEB

MONTH

2100-2300

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SDESTERBERG NL

68-77

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
56/ 55		.0		.0	.1	.1												11	11	1		
54/ 53			.0	.2	.2	.0												27	28	1	2	
52/ 51			.2	.2	.1		.0											36	36			
50/ 49	.0	.5	1.1	.4	.3		.1											147	148	23	9	
48/ 47	.3	1.3	1.3	.6	.3	.1												221	221	82	29	
46/ 45	.5	3.8	1.0	.8	.3	.1												370	371	233	84	
44/ 43	.5	4.5	1.5	1.1	.1													448	449	425	200	
42/ 41	1.6	8.5	2.9	.8	.3													819	822	499	557	
40/ 39	1.7	6.7	1.9	.4	.2													632	632	754	459	
38/ 37	1.7	6.0	1.1	.5	.2	.0												548	548	733	594	
36/ 35	2.1	6.2	1.3	.4	.1													588	591	628	647	
34/ 33	3.9	3.0	1.0	.2														474	475	694	675	
32/ 31	4.7	5.0	1.1	.1														633	634	591	785	
30/ 29	2.6	2.4	.3	.1														310	311	473	452	
28/ 27	2.3	1.0	.1	.0														197	197	279	358	
26/ 25	1.4	.6	.1	.0														122	122	130	294	
24/ 23	.8	.5																79	79	93	280	
22/ 21	.4	.2	.0															35	35	52	108	
20/ 19	.4	.2																34	34	33	85	
18/ 17	.4	.2																34	34	36	64	
16/ 15	.3	.0																16	16	21	44	
14/ 13	.3																	15	15	15	47	
12/ 11	.1																	4	4	4	14	
10/ 9	.1																	5	5	5	9	
8/ 7	.0																	2	2	2	9	
6/ 5	.0																	2	2	2	2	
4/ 3	.0																	2	2	2	3	
2/ 1	.0																	2	2	2	1	
0/ -1	.1																	3	3	3	3	
-2/ -3																					1	
-4/ -5																					1	
TOTAL	26.25	7.5	15.0	5.7	2.2	.3	.1											5816	5829		5816	
																					5816	5816
Element (X)	Σ x ²		Σ x		X		σ _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	43958032		499862		85.9		13.093		5816		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	8351238		216814		37.2		7.014		5829		.3	172.6					672					
Wet Bulb	7572437		206567		35.5		6.368		5816		.3	201.4					672					
Dew Point	6639826		192304		33.1		6.956		5816		.6	295.8					672					

USAF ETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

MAR
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
60/ 59						.2												2	2			
58/ 57					.1													1	1			
56/ 55				.4														3	3			
54/ 53			.1	.1														2	2			
52/ 51		.1	.2															3	3	1		
50/ 49	.2	.5	.6	.1														12	12	9	3	
48/ 47	.1	.8	.8	.4	.1													19	19	12	3	
46/ 45	.1	3.5	.6	.4														38	38	18	10	
44/ 43	1.2	4.5	.4	.4														53	54	56	30	
42/ 41	4.1	12.2	2.4	.1														156	156	104	116	
40/ 39	1.9	5.2	.7		.1													66	66	93	79	
38/ 37	2.4	4.9	.5	.1	.2													68	68	85	78	
36/ 35	1.6	6.1	1.1	.1														74	74	56	63	
34/ 33	6.3	3.9	1.2	.1														95	95	122	77	
32/ 31	4.7	5.3	1.3	.1														95	95	90	118	
30/ 29	2.8	3.1	.2	.2														53	53	76	72	
28/ 27	2.4	1.1	.5	.2														35	35	38	48	
26/ 25	1.9	.6	.1															22	23	28	38	
24/ 23	1.0	.2																15	15	22	44	
22/ 21	.2	.2																4	4	5	12	
20/ 19	.5	.1																5	5	6	6	
18/ 17	.5																	4	4	4	12	
16/ 15																					7	
14/ 13	.4																	3	3	3	6	
12/ 11	.1																	1	1	1	4	
10/ 9	.1																	1	1	1	3	
8/ 7																					1	
6/ 5	.1																	1	1	1	1	
TOTAL	33.2	52.3	10.8	2.8	.6	.2												851	833	831	831	
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature											
Rel Hum.	6690607		73995		89.01		1.077		831		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	1147409		30381		36.5		6.878		833			26.8							93			
Wet Bulb	1066271		29277		35.2		6.476		831			30.8							93			
Dew Point	967912		27732		33.4		7.151		831			41.6							93			

PSYCHROMETRIC SUMMARY

YEARS

MAR

MONTH

HOURS (L, S, T)

USAFETAC
FORM 0-26-5 (OLA)
RIL 04
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

06265	SOESTERBERG NL	8-77	MAR
STATION	STATION NAME	YEARS	MONTH
PAGE 1			0600-0800
			HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
54/ 53			.2															2	2					
52/ 51			.1															1	1					
50/ 49	.1	.7	.2	.1														10	10	7	2			
48/ 47		1.1	.4															12	12	8	4			
46/ 45	.1	2.8	.2	.1														27	27	18	10			
44/ 43	.2	4.7	.4															43	43	33	24			
42/ 41	3.2	11.1	1.1															125	126	82	77			
40/ 39	3.6	5.7	.1															76	76	105	102			
38/ 37	2.0	3.9																48	48	64	66			
36/ 35	3.1	4.1	.4		.1													62	62	55	65			
34/ 33	5.5	3.6	.4	.2														79	79	91	56			
32/ 31	7.1	5.5	.9															110	110	104	113			
30/ 29	3.8	3.8	.2															64	64	77	72			
28/ 27	5.2	1.4	.1															54	54	59	67			
26/ 25	3.6	1.1	.4															41	41	43	45			
24/ 23	3.1	1.0	.2															35	35	35	45			
22/ 21	.1	.1																2	2	7	18			
20/ 19	.4																	3	3	6	12			
18/ 17	.5																	4	4	4	8			
16/ 15	.4																	3	3	3	11			
14/ 13	.4																	3	3	3	1			
12/ 11																					3			
10/ 9	.4																	3	3	3	1			
8/ 7																					5			
6/ 5	.4																	3	3	3	2			
4/ 3	.2																	2	2	2	2			
2/ 1																					1			
TOTAL	43.3	50.6	5.4	.5	.1														812		812			
																		812		812				
Element (X)	Σ x ²			Σ x		X		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	6944633			74755		92.1		8.777		812		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	1022848			28216		34.7		7.326		813				37.4										93
Wet Bulb	972223			27509		33.9		7.047		812				40.0										93
Dew Point	905856			26426		32.5		7.518		812				46.5										93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SUESTERBERG NL 68-77 HAR
STATION STATION NAME YEARS MONTH
PAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
68/ 67							.1	.1										2	2				
64/ 63					.1													1	1				
62/ 61							.4	.1										4	4				
60/ 59						.1												1	1				
58/ 57					.1	.1	.3											4	4				
56/ 55				.1	.4													4	4	2			
54/ 53			.1	1.0	.4	.3												14	14	1			
52/ 51	.1	.8	.4	.5	.4		.1											18	18	5	1		
50/ 49	.4	1.0	2.8	1.4	.8	.3												52	52	22	10		
48/ 47	.4	3.0	2.2	1.4	.1													55	55	28	13		
46/ 45	.5	4.8	2.1	1.4	.4													71	71	56	25		
44/ 43	1.4	6.5	1.8	1.3	.4	.1												89	90	95	42		
42/ 41	2.2	7.5	2.5	.6	.4													102	102	97	105		
40/ 39	1.6	3.6	2.7	.9	.3													70	70	91	89		
38/ 37	1.3	3.5	1.9	1.0	.3	.1												63	63	87	64		
36/ 35	1.8	4.4	.8	1.0	.1													63	63	56	71		
34/ 33	2.7	3.1	1.6															57	57	96	84		
32/ 31	4.0	2.7	.8	.4	.1													62	62	58	110		
30/ 29	.6	.6	.1	.3														13	13	35	38		
28/ 27	.1	1.0		.3														11	11	15	23		
26/ 25	.3																	2	2	12	17		
24/ 23	.1	.3																3	3	2	29		
22/ 21	.3	.3																4	4	6	13		
20/ 19		.1																1	1	2	13		
18/ 17	.3																	2	2	2	8		
16/ 15																					7		
14/ 13	.3	.1																3	3	3	3		
12/ 11	.1																	1	1	1	2		
10/ 9																					4		
8/ 7																					1		
TOTAL	18.5	43.4	19.8	11.8	4.3	1.0	.9	.3										772	773	772	772		
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	5318596		62936		81.5		15.609		772		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	1316688		31410		40.6		7.232		773			12.3	.2				93						
Wet Bulb	1157615		29487		38.2		6.376		772			16.4					93						
Dew Point	983051		26951		34.9		7.396		772			32.3					93						

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

MAR
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75									.1									1	1		
70/ 69							.1											1	1		
68/ 67								.3		.4								5	5		
66/ 65								.1	.6									6	6		
64/ 63						.1	.4	.5	.3									10	10		
62/ 61						.5	.3	.5										10	10		
60/ 59				.3	.4	1.1	.5	.4										21	21	1	
58/ 57				.1	1.1	.1	.3	.1	.1									15	15	1	
56/ 55					1.0	.4	.1	.1										13	13		
54/ 53		.5	.1	.9	1.1	.6												26	26	8	
52/ 51			1.0	2.3	1.4	.1	.3											40	40	20	1
50/ 49	.3	.6	3.1	3.4	2.5	1.3	.1											90	90	39	7
48/ 47	.5	.9	2.1	1.8	2.8	.6	.5											73	73	42	11
46/ 45	1.1	2.5	2.1	1.9	1.8	.6												80	80	88	21
44/ 43	.9	3.0	1.1	2.4	1.8	.5												77	77	100	33
42/ 41	1.0	3.0	5.1	2.8	2.5	.5												119	119	81	106
40/ 39	.3	2.8	2.1	2.3	.8	.4												68	68	83	64
38/ 37	.3	2.5	1.1	.9	.3	.3												42	42	92	54
36/ 35	1.5	1.8	1.0	.6	.1													40	40	90	86
34/ 33	1.0	.9	.1	.4	.1													20	20	71	82
32/ 31	.9	.8	.5	.5														21	21	35	89
30/ 29	.5	.4		.1														8	8	21	50
28/ 27	.1	.3	.1															4	4	13	48
26/ 25		.3	.4															5	5	4	28
24/ 23		.5	.1															5	5	4	49
22/ 21																				6	16
20/ 19																				1	14
18/ 17																					19
16/ 15																					11
14/ 13																					2
12/ 11																					2
10/ 9																					2
8/ 7																					5
Element (X)	Σ X'		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1200-1400
HOURS (L.S.T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

MAR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
76/ 75											.1							1	1			
70/ 69									.1	.1								2	2			
68/ 67								.1	.5	.4	.3							10	10			
66/ 65							.4	.1	.9									11	11			
64/ 63						.7	.7	.3	.3									14	14			
62/ 61						.3	.3	.4	.4									10	10			
60/ 59				.3	.4	.8	.3	.1	.1									15	15			
58/ 57				.1	.3	.1	.7	.1										10	10	1		
56/ 55			.4		.5	.7	.1	.1										14	14			
54/ 53		.3		1.3	1.2	.3	.1											24	24	18		
52/ 51	.1	.1	.4	1.4	2.0	.1	.7											37	37	18	2	
50/ 49		2.3	5.0	3.9	4.0	1.7	1.2											139	141	29	10	
48/ 47	.5	1.6	3.1	2.7	3.8	.7												95	95	72	16	
46/ 45	.4	2.1	2.1	2.0	2.7	1.2	.3											82	82	79	27	
44/ 43	.5	1.4	.7	3.1	1.7	.8												63	63	63	28	
42/ 41	.1	2.7	2.5	1.7	2.6	.1	.1											76	76	93	59	
40/ 39	.3	2.2	3.4	1.4	.7	.7												66	66	84	80	
38/ 37	.3	1.3	1.8	1.0	.7													39	39	98	63	
36/ 35	.3	1.0	.9	.4														20	20	72	60	
34/ 33	.7	.5		.4														12	12	65	65	
32/ 31	.4	.4	.8	.3														14	14	20	103	
30/ 29		.1	.3															3	3	15	59	
28/ 27		.3	.1															3	3	8	51	
26/ 25		.1	.4															4	4	4	31	
24/ 23			.3															2	2	2	36	
22/ 21																				4	24	
20/ 19																				1	16	
18/ 17																					16	
16/ 15																					5	
14/ 13																					7	
12/ 11																					4	
10/ 9																					2	
8/ 7																					2	
Element (X)	Σ X ²		Σ X		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature											Total		
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

MAR
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SOESTERBERG NL
STATION STATION NAME

68-77
YEARS

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73										.1								1	1			
66/ 65								.1										1	1			
64/ 63										.1								1	1			
62/ 61						.1		.3										3	3			
60/ 59					.4	.6		.8	.1									15	15			
58/ 57				.1	.5	.3												7	7			
56/ 55			.3	.4		.1	.3											8	8	1		
54/ 53			.3	.8	.8	.1												15	15	1		
52/ 51		.1	.5	.8	.3	.3	.1											16	16	10		
50/ 49	.3	1.0	3.7	1.4	.9	.1												58	58	17	4	
48/ 47	.3	2.5	2.5	1.6	.8	.3												63	63	41	10	
46/ 45	.5	3.8	2.0	1.4	.9	.4												71	72	77	24	
44/ 43	.8	4.6	1.9	1.9	1.0													80	80	79	41	
42/ 41	.4	6.8	7.6	2.8	1.8	.4												156	157	75	90	
40/ 39	.9	4.0	2.4	1.9	.8													79	80	91	74	
38/ 37	.1	3.2	2.4	1.0	.4	.3												58	58	107	73	
36/ 35	.5	2.9	2.3	.6	.3													52	52	82	71	
34/ 33	1.4	2.3	.9	.5	.3													46	46	63	74	
32/ 31	1.4	1.6	.8	.3														32	33	68	80	
30/ 29	.3	.4	.3	.1														8	8	19	60	
28/ 27	.3	.4	.1															6	6	17	46	
26/ 25	.1	.4	.1															5	5	8	43	
24/ 23	.3	.4																5	5	7	44	
22/ 21		.3																2	2	4	11	
20/ 19		.3																2	2	2	11	
18/ 17		.1																1	1	1	13	
16/ 15																				1	8	
14/ 13																					6	
12/ 11																					4	
10/ 9																					2	
8/ 7																					1	
6/ 5																					1	
TOTAL	7.8	35.0	27.9	15.5	8.8	2.9	.4	1.1	.1	.3								791	795	791	791	
Element (X)	Σ x ²		Σ x		Σ	Σ _x	No. Obs.		Mean No. of Hours with Temperature											Total		
Rel. Hum.	4546614		58490		73.9	16.749	791		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						93		
Dry Bulb	1442660		33392		42.0	7.108	795			7.3	.1	.1						93				
Wet Bulb	1201690		30450		38.5	6.111	791			14.9						93						
Dew Point	939214		26576		33.6	7.657	791			38.8						93						

PSYCHROMETRIC SUMMARY

MAR

MONTH

2100-2300

HOURS (L - S - T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
62/ 61						.1												1	1				
58/ 57					.4													3	3				
56/ 55				.4	.2	.1												6	6				
54/ 53				.1														1	1				
52/ 51			.9	.2	.2													11	11	2			
50/ 49	.1	.7	1.4	.6	.4													26	26	8	1		
48/ 47	.2	2.2	2.0	.5														40	40	21	6		
46/ 45	.7	6.2	.9	.5														67	67	42	23		
44/ 43	1.1	7.2	.9	.7	.1													81	81	98	57		
42/ 41	1.6	10.2	2.7	.4	.1													121	121	77	94		
40/ 39	1.6	5.9	2.7	.6	.6													93	93	113	76		
38/ 37	1.9	4.6	1.6	.7	.1													72	72	98	88		
36/ 35	1.4	6.2	2.5	.5														85	85	71	84		
34/ 33	1.7	3.3	.9	.4														51	51	91	76		
32/ 31	4.2	3.7	1.4	.5	.1													80	80	76	102		
30/ 29	1.6	1.2	.9	.4														33	33	47	59		
28/ 27	.9	.4																10	10	22	42		
26/ 25	.9	.2																9	9	21	25		
24/ 23	.1	.4																4	4	5	18		
22/ 21	.2	.4																5	5	7	9		
20/ 19	.2																	2	2	2	15		
18/ 17		.1																1	1	1	15		
16/ 15	.5																	4	4	4	6		
14/ 13	.1																	1	1	1	6		
12/ 11																					3		
10/ 9																					1		
8/ 7																					1		
TOTAL	19.2	53.0	18.6	6.6	2.4	.2													807		807		
																		807		807			
Element (X)	Σ x'		Σ x		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	5920774		68310		84.6		13.111		807		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	1255584		31386		38.9		6.582		807				17.2										93
Wet Bulb	1136347		29875		37.0		6.139		807				21.4										93
Dew Point	994288		27734		34.4		7.146		807				34.8										93

DATA PROCESSING BRANCH
STAC
OTHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION SOESTERBERG NL STATION NAME 08-77 YEARS MAR MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
75/ 75									.0		.0							2	2													
74/ 73										.0								1	1													
70/ 69							.0		.0	.0								3	3													
68/ 67							.0	.1	.1	.1	.0							17	17													
66/ 65							.0	.0	.2									18	18													
64/ 63					.0	.1	.1	.1	.1	.0								26	26													
62/ 61						.1	.1	.2	.0									28	28													
60/ 59				.1	.1	.4	.1	.2	.0									54	54	1												
58/ 57				.0	.3	.1	.1	.0	.0									40	40	2												
56/ 55			.1	.2	.3	.2	.1	.0										49	49	3												
54/ 53		.1	.1	.5	.4	.2	.0											84	84	28												
52/ 51	.0	.1	.5	.7	.5	.1	.1											129	129	56	4											
50/ 49	.2	1.0	2.2	1.3	1.0	.4	.2											405	407	134	39											
48/ 47	.3	1.6	1.7	1.0	.9	.2	.1											373	373	239	69											
46/ 45	.5	3.6	1.3	1.0	.7	.3	.0											468	469	397	154											
44/ 43	.9	4.7	1.0	1.2	.6	.2												548	550	588	283											
42/ 41	2.1	7.9	3.1	1.0	.9	.1	.0											968	970	695	731											
40/ 39	1.5	4.4	1.8	.9	.4	.1												587	588	769												
38/ 37	1.3	3.5	1.2	.6	.2	.1												442	442	702												
36/ 35	1.5	4.0	1.1	.4	.1													437	457	535	570											
34/ 33	3.1	2.7	.8	.3	.0													439	439	704	574											
32/ 31	3.9	3.5	.9	.3	.0													553	555	548	844											
30/ 29	1.8	1.5	.3	.1														239	239	395	484											
28/ 27	1.6	.7	.2	.1														161	161	215	376											
26/ 25	1.2	.4	.2															113	114	146	264											
24/ 23	.8	.5	.1															87	87	98	304											
22/ 21	.2	.2																21	21	49	117											
20/ 19	.2	.1																17	17	23	98											
18/ 17	.2	.1																18	18	19	98											
16/ 15	.1																	9	9	10	62											
14/ 13	.3	.0																11	11	11	40											
12/ 11	.0																	3	3	3	23											
10/ 9	.1																	5	5	5	18											
8/ 7	.0																	3	3	3	17											
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature																			
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

MAR

YEARS

MONTH

ALL

HOURS (L, S, T.)

USAFETAC
FORM
NP 54
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

438-77

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265

SOESTERBERG NL

48-77

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
64/ 63					.1													1	1			
60/ 59				.3	.1	.1												4	4			
56/ 55	.1	.1	.3	.4														7	7	2	1	
54/ 53	.4	.3	.1	.1														7	7	6	4	
52/ 51	.4	1.8	.4	.1	.1													22	22	10	3	
50/ 49	1.8	3.2	.8	.3														47	47	45	29	
48/ 47	1.0	3.3	.9		.1													42	42	37	36	
46/ 45	1.9	5.9	1.0	.1	.1													71	71	55	39	
44/ 43	1.4	7.5	1.1	.3														81	81	77	54	
42/ 41	4.7	11.5	2.4	.3	.1													149	150	106	122	
40/ 39	2.4	7.4	.8	.4														86	86	101	88	
38/ 37	3.7	4.3	.6															68	68	104	94	
36/ 35	2.8	4.3	.4	.1														60	60	67	91	
34/ 33	3.4	2.2	.3															46	46	70	69	
32/ 31	3.8	2.2		.1														48	49	48	61	
30/ 29	1.1	1.5																21	21	31	35	
28/ 27	1.7	.4																16	16	16	33	
26/ 25	.5																	4	4	5	12	
24/ 23	.6																	5	5	5	11	
22/ 21																					1	
18/ 17																					1	
14/ 13																					1	
TOTAL	31.8	55.8	9.0	2.4	.8	.1												785	787	785	785	
Element (X)	Σ x ²		Σ x		X		s _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	6513598		71090		90.6		9.823		785		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	1328013		31939		40.6		6.363		787			10.9					90					
Wet Bulb	1245719		30917		39.4		5.983		785			12.0					90					
Dew Point	1159815		29775		37.9		6.232		785			17.8					90					

DATA PROCESSING BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

APR
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77									.1									1	1		
72/ 71								.3										2	2		
68/ 67							.3	.3	.1									5	5		
66/ 65						.1	.5	.1										6	6		
64/ 63				.1		.4	.4	.1										8	8		
62/ 61				.1	.1	.1	.1	.1	.1									6	6	1	
60/ 59		.1		.1	.1	.4		.3										8	8	2	
58/ 57		.3	.4	.4	.5	.9	.5	.3										25	25	4	1
56/ 55		.3	.4	.7	1.5	.5	.3											27	27	7	1
54/ 53	.3	.4	.9	.9	1.3	1.3	.1											40	41	18	5
52/ 51	.5	1.5	2.0	.9	1.9	.3												53	53	29	8
50/ 49	1.5	3.6	4.8	2.9	2.4	.9	.1											122	122	50	38
48/ 47	.8	3.4	4.0	1.6	1.2	.5												87	88	80	39
46/ 45	.5	4.4	3.4	3.0	1.2	.8												101	101	89	51
44/ 43	1.3	4.4	2.1	2.0	1.6													86	86	126	51
42/ 41	1.1	4.2	3.6	2.0	.4													85	85	95	94
40/ 39	1.1	2.9	1.5	.3		.3												45	45	94	88
38/ 37	1.1	1.5	.8		.1													26	26	87	76
36/ 35	1.2	.9																16	16	54	80
34/ 33	.4	.3																5	5	14	59
32/ 31	.1																	1	1	4	72
30/ 29																				1	31
28/ 27																					25
26/ 25																					15
24/ 23																					18
18/ 17																					1
16/ 15																					1
12/ 11																					1
TOTAL	9.8	28.1	23.8	15.1	12.3	6.6	2.4	1.5	.4									755	757	755	
Element (X)	Σ X ²		Σ X		X		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	4271457		55123		73.0		18.095		755		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	1720515		35757		47.2		6.458		757			.1	1.0	.1			90				
Wet Bulb	1421478		32528		43.1		5.158		755			.6					90				
Dew Point	1134983		28823		38.2		6.777		755			19.5					90				

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 64

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

APR
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
82/ 81										.1	.1								2	2				
78/ 77										.1									1	1				
76/ 75								.1	.3		.1								4	4				
74/ 73								.3		.1									3	3				
72/ 71							.1	.3		.3									5	5				
70/ 69							.1	.5	.3	.1									8	8				
68/ 67								.4	1.2										12	12				
66/ 65			.1			.1	.5	.5	.5	.1									15	15				
64/ 63		.1				.3	.4	.9											13	13	2			
62/ 61					.3	.3	.4	.3	.1										10	10	4			
60/ 59	.1		.1	.4	.1	1.3	1.0	.9	.3										33	33	7	3		
58/ 57	.3	.1	.4	.9	1.4	1.4	1.3	.3											47	47	5	2		
56/ 55		.1	.6	1.2	1.2	2.2	1.0	.4											52	52	9			
54/ 53	.1	.8	2.6	1.4	2.4	1.8	.3												73	73	36	5		
52/ 51	.5	1.2	2.0	3.2	1.5	1.3	.3												78	79	42	9		
50/ 49	.4	2.2	2.3	2.0	2.8	1.9	.8												97	97	85	32		
48/ 47	.6	1.2	2.0	1.7	2.4	1.7													75	75	80	39		
46/ 45	.4	2.9	1.7	3.8	2.3	1.3													97	97	112	41		
44/ 43	.1	1.9	1.3	2.3	2.6	.3													66	66	98	48		
42/ 41	.4	2.2	2.2	1.7	.4														53	53	76	86		
40/ 39	.6	1.2	.6																19	19	101	91		
38/ 37	.6	.5	.1																10	10	82	82		
36/ 35	.3	.6																	7	7	34	49		
34/ 33	.1																		1	1	8	64		
32/ 31																						79		
30/ 29																						46		
28/ 27																						37		
26/ 25																						31		
24/ 23																						28		
22/ 21																						6		
20/ 19																						1		
18/ 17																						2		
TOTAL	4.6	15.0	16.1	18.6	17.4	13.7	6.1	4.7	2.6	.9	.3								781	782	781	781		
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.	3337355		48813		62.5		19.166		781		≤ 0 F		≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					90		
Dry Bulb	2061410		39712		50.8		7.602		782					4.0	1.2	.2					90			
Wet Bulb	1567336		34716		44.5		5.568		781												90			
Dew Point	1122493		29037		37.2		7.418		781				26.5									90		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265

SOESTERBERG NL

68-77

APR

STATION

STAT ON NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
84/ 83												.1						1	1				
82/ 81											.1							1	1				
80/ 79										.3								2	2				
76/ 75										.1	.1							2	2				
74/ 73									.5	.1	.1							6	6				
72/ 71									.4	.1	.5							8	8				
70/ 69							.3	.1	.4									6	6				
68/ 67						.1		.5	1.1	.4								16	16				
66/ 65						.1	.3	.9	.5	.3								16	16				
64/ 63					.1	.5	.7	.7										15	16				
62/ 61	.1		.1	.1	.5	.7		.8	.3									20	20	5	1		
60/ 59			.3	.1	.5	.8	.5	1.1	.3									27	28	10			
58/ 57	.1		.3	.5	.9	1.3	2.0	.1										40	40	6	1		
56/ 55	.1	.4	.7	1.2	1.9	2.3	1.5	.5										64	64	15	1		
54/ 53		.9	1.3	2.4	2.7	1.9	.9											76	76	31	5		
52/ 51	.5	1.3	1.5	2.2	2.6	1.3	1.1											78	78	51	11		
50/ 49	1.1	2.0	2.7	2.8	3.1	3.1	.3											112	112	75	47		
48/ 47	.3	.8	1.5	2.4	2.7	1.2												66	66	90	34		
46/ 45	.3	2.0	1.1	2.4	2.3	.8												66	66	96	29		
44/ 43		1.8	1.5	2.2	1.8	.1												54	54	90	37		
42/ 41	.4	1.2	2.6	.9	.3													40	40	87	75		
40/ 39	.4	.9	.3	.1	.1													14	14	84	66		
38/ 37	.1	.1		.1														3	3	70	60		
36/ 35	.4	.8																9	9	25	79		
34/ 33																				7	61		
32/ 31																					88		
30/ 29																					44		
28/ 27																					43		
26/ 25																					34		
24/ 23																					21		
22/ 21																					4		
18/ 17																					1		
TOTAL	3.9	12.4	13.7	17.7	19.5	14.4	7.5	5.8	2.8	1.8	.3	.1						742	744	742	742		
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	2926934		44390		59.8		19.135		742		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90						
Dry Bulb	2043790		38558		51.8		7.826		744				5.1	1.5	.2		90						
Wet Bulb	1517166		33292		44.9		5.622		742								90						
Dew Point	1053770		27410		36.9		7.459		742			28.5					90						

USAF ETAC FORM 0-26-5 (OL A) JUL 64

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SUESTERBERG NL
STATION STATION NAME

48-77
YEARS

APR
MONTH
PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79										.1								1	1					
76/ 77									.1									1	1					
74/ 73								.1										1	1					
72/ 71								.1										1	1					
70/ 69							.2	.2	.1									5	5					
68/ 67							.2		.2	.1								5	5					
66/ 65					.1	.1	.1	.4	.4	.1								10	10					
64/ 63						.4	.4	.9										13	13					
62/ 61			.1	.2	.2		.7	.4										14	14	2				
60/ 59	.1		.2	.2	.7	.9	.2	.4	.1									24	24	4	1			
58/ 57		.4	.1	.4	.6	.9	.9	.1										27	27	7	1			
56/ 55		.2	.2	1.0	1.6	.7	.4	.1										35	35	11	3			
54/ 53	.2	1.1	1.5	1.5	1.0	1.1	.2											54	54	20	4			
52/ 51	.4	1.4	2.7	.7	2.7	.9	.4											74	75	32	13			
50/ 49	1.0	2.5	3.7	2.6	2.1	1.2	.2											108	110	81	33			
48/ 47	.4	2.2	3.4	1.0	1.6	.6	.1											75	77	78	39			
46/ 45	.1	3.5	2.7	2.6	1.6	.5												89	89	98	40			
44/ 43	.1	2.2	2.2	2.6	.7	.1												65	65	102	50			
42/ 41	.6	2.0	6.2	3.2	.6													102	102	83	100			
40/ 39	.1	2.7	1.6	.9														43	43	82	63			
38/ 37	.6	1.9	1.4	.1														32	32	104	72			
36/ 35	.2	.7	.7															14	15	59	80			
34/ 33	.6	.1	.1															7	7	28	82			
32/ 31	.2	.1																3	3	11	77			
30/ 29																				1	48			
28/ 27																					42			
26/ 25																					29			
24/ 23																					18			
22/ 21																					5			
20/ 19																					3			
TOTAL	4.9	21.2	27.1	17.2	13.8	7.5	4.2	2.7	1.0	.4								803	809	803	803			
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3996810		54792		68.2		17.940		803		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	1922548		38984		48.2		7.379		809			.3	1.6	.3	.1		90							
Wet Bulb	1525227		34689		43.2		5.769		803			1.3					90							
Dew Point	1156339		29917		37.3		7.214		803			24.9					90							

PSYCHROMETRIC SUMMARY

YEARS

MONTH

2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SOESTERBERG NL
STATION NAME

8-77
YEARS

YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
84/ 83												.0							1	1		
82/ 81										.0	.0								3	3		
80/ 79										.0									3	3		
78/ 77									.0	.0									3	3		
76/ 75									.0	.0	.0	.0							6	6		
74/ 73									.1	.0	.0								10	10		
72/ 71							.0	.1	.0	.1									16	16		
70/ 69							.1	.1	.1	.0									19	19		
68/ 67						.0	.1	.1	.3	.1									39	39		
66/ 65			.0		.0	.1	.2	.3	.2	.1									50	50		
64/ 63		.0		.0	.1	.2	.2	.3											54	55	2	
62/ 61	.0	.0	.0	.1	.2	.1	.2	.2	.1										55	55	12	
60/ 59	.0	.0	.1	.3	.2	.4	.2	.3	.1										106	107	24	
58/ 57	.0	.1	.2	.3	.4	.6	.6	.1											145	145	29	
56/ 55	.0	.3	.3	.6	.8	.7	.4	.1											203	203	53	
54/ 53	.2	.6	1.0	1.0	1.0	.8	.2												293	294	134	
52/ 51	.4	1.5	1.4	1.0	1.1	.5	.2												376	378	199	
50/ 49	1.5	3.1	2.7	1.4	1.3	.9	.2												692	694	468	
48/ 47	.7	2.7	2.0	1.0	1.0	.5	.0												494	498	494	
46/ 45	.8	4.7	1.8	1.6	1.0	.4													641	641	633	
44/ 43	.9	4.6	1.5	1.3	.9	.1													570	571	736	
42/ 41	1.9	6.2	3.1	1.1	.3														775	777	700	
40/ 39	1.3	4.3	1.2	.2	.0	.0													436	436	761	
38/ 37	1.3	3.2	.7	.1	.0														331	332	723	
36/ 35	1.3	2.7	.3	.0															269	270	426	
34/ 33	1.7	1.1	.2	.0															184	184	325	
32/ 31	2.1	1.3		.0															215	218	220	
30/ 29	1.0	.7	.0																109	109	152	
28/ 27	1.0	.1																	72	72	75	
26/ 25	.3	.0																	23	23	26	
24/ 23	.2																		12	12	17	
22/ 21	.0																		1	1	1	
20/ 19																					5	
18/ 17																					5	
Element (X)	Σ x ²			Σ x			Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OL A) JUL 64

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAY

YEARS

MONTH

0600-0800

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SUESTERBERG NL 08-77 MAY
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.1	.2	.1	.1						5	5		
84/ 83								.2		.2	.4							7	7		
82/ 81								.1		.1								2	2		
80/ 79										.1	.1							2	2		
78/ 77									.4	.2	.2							7	7		
76/ 75							.2	.1	.4	.7								12	12		
74/ 73						.1	.4	.6	.4	.2								14	14		
72/ 71					.1	.1	.7	.2	.6	.2								17	17	1	
70/ 69					.2	.6	1.1	.8	.6	.1								29	29	2	
68/ 67				.4	.4	2.8	1.2	1.7	1.0									61	61	5	
66/ 65			.1	.7	1.2	1.8	2.0	1.8	.8									71	71	3	
64/ 63			.2	.4	1.3	2.2	1.7	1.2	.4	.1								62	62	9	2
62/ 61		.4	.7	1.2	2.2	1.4	1.7	.5	.2									69	70	22	1
60/ 59		.4	1.6	2.6	3.0	3.7	1.8	.5	.2									115	115	40	7
58/ 57	.2	1.3	.5	1.2	3.1	1.2	1.0	.1										72	72	75	16
56/ 55	.2	.7	1.8	2.2	1.6	1.6	.1	.1										69	69	91	26
54/ 53	.7	1.2	2.5	1.3	1.6	.7	.2											69	69	123	43
52/ 51	.5	1.1	2.0	1.9	1.4	.1												59	59	103	54
50/ 49	.2	1.2	1.8	.8	1.0	.1												43	43	140	88
48/ 47	.4	1.1	.8	.4	.2													24	24	76	88
46/ 45	.1	1.1	.2	.2														14	14	84	77
44/ 43	.2	.4	.2															7	7	39	89
42/ 41		.1																1	1	14	141
40/ 39																				4	52
38/ 37																					54
36/ 35																					32
34/ 33																					34
32/ 31																					15
30/ 29																					3
28/ 27																					6
26/ 25																					3
TOTAL	2.6	8.9	12.6	13.4	17.3	16.5	12.2	8.1	5.1	2.4	.8	.1						831	832		831
																		831		831	
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	3183175		49285		59.3		17.705		831		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	3037599		49851		59.9		7.809		832				17.4	5.5	1.6		93				
Wet Bulb	2259361		43113		51.9		5.221		831				.9				93				
Dew Point	1681444		36980		44.3		6.569		831			3.0					93				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

MAY
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85									.3	.1		.9						10	10			
84/ 83										.1		.1						2	2			
80/ 79												.3						2	2			
78/ 77							.4	.1	.4	.3	.6							14	14			
76/ 75							.1	.1	.4	.6	.3							12	12			
74/ 73							.1	.3	.3	.3								7	7			
72/ 71					.1		.9	1.0	.8	.5								26	26	1		
70/ 69						1.2	1.0	.9	1.5	.4								39	39	1		
68/ 67				.3	.8	3.7	3.6	2.3	1.2	.8								98	98	1		
66/ 65	.1	.1	.3	.4	.8	1.8	1.8	1.4	.4	.3								57	58	8	1	
64/ 63			.4	1.0	1.2	2.3	1.4	.9	.5									60	61	11	2	
62/ 61		.8	.9	.9	1.7	.6	2.3	.8	.1									63	63	13	1	
60/ 59		1.0	.6	2.6	2.6	3.0	1.0	.5										88	88	55	8	
58/ 57	.1	1.3	.6	2.7	.6	1.0	.1											62	63	85	16	
56/ 55	.1	.8	1.3	2.2	1.7	1.9	.4	.4										68	69	99	17	
54/ 53	.3	.8	1.3	2.1	1.7	.5												51	51	106	39	
52/ 51	.4	1.5	1.7	.8	1.5	.4												49	49	95	48	
50/ 49	.3	1.5	1.4	2.3	.9													50	50	126	100	
48/ 47	.1	.6	.3	.3	.3													12	12	72	89	
46/ 45	.3	.5	.1															7	7	60	88	
44/ 43	.1																	1	1	32	79	
42/ 41			.1															1	1	13	80	
40/ 39																					63	
38/ 37																				1	45	
36/ 35																					40	
34/ 33																					32	
32/ 31																					20	
30/ 29																					7	
28/ 27																					3	
26/ 25																					1	
TOTAL	1.0	9.0	9.0	14.1	15.8	16.0	14.1	8.9	5.8	3.3	1.2	1.0						779	783	779	779	
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	2796652		44598		57.3		17.688		779		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F	
Dry Bulb	2967516		47818		61.1		7.774		783				24.9		5.6		1.4				93	
Wet Bulb	2159752		40822		52.4		5.140		779				.4								93	
Dew Point	1582234		34722		44.6		6.668		779				3.7								93	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SDESTERBERG NL
STATION STATION NAME

68-77
YEARS

MAY
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85									.1	.1								2	2			
84/ 83											.2							2	2			
82/ 81											.1							1	1			
78/ 77							.2		.2	.2								6	6			
76/ 75							.1	.1	.1	.4	.1							7	7			
74/ 73							.1	.1	.1	.4								6	6			
72/ 71			.1			.1	.6	.1	.6	.2								15	15			
70/ 69						.4	.7	.7	.5									19	19	2		
68/ 67			.1	.1	.4	1.2	1.3	1.3	1.1									46	46	1		
66/ 65			.1	.1	.4	1.3	.7	.7	.7	.1								35	35	2	1	
64/ 63			.4	1.1	1.1	2.2	1.0	.8	.1									55	55	7		
62/ 61		.6	.7	1.0	2.2	1.2	1.9	.6										68	68	8	2	
60/ 59		1.8	2.5	3.1	3.3	2.2	.8	.5										118	118	31	8	
58/ 57	.4	1.9	1.1	2.7	2.3	1.4	.6	.1										87	87	67	10	
56/ 55	1.0	1.1	1.7	3.6	1.9	1.0	.2	.1										88	88	105	40	
54/ 53	.4	1.0	2.5	2.9	1.2	.8	.1											74	75	110	40	
52/ 51	1.2	1.0	2.1	1.9	1.1	.1	.1											62	62	105	50	
50/ 49	.8	1.8	1.8	2.3	1.1													65	65	141	84	
48/ 47	.1	1.4	1.6	1.0	.5													38	38	90	84	
46/ 45	.5	1.0	1.2	.4	.1													26	26	79	94	
44/ 43	.2	.2	.4	.2														9	9	48	93	
42/ 41																				26	109	
40/ 39																				6	61	
38/ 37																				1	58	
36/ 35																					29	
34/ 33																					25	
32/ 31																					19	
30/ 29																					8	
28/ 27																					1	
26/ 25																					2	
24/ 23																					1	
TOTAL	4.6	11.8	16.3	20.4	15.4	11.9	8.7	5.3	3.6	1.4	.5							829	830		829	
																		829		829		
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	3712352		53368		64.4		18.281		29		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total					
Dry Bulb	2821375		48023		57.9		7.167		830				11.7	2.7	.6		93					
Wet Bulb	2187144		42376		51.1		5.037		829				.3				93					
Dew Point	1700967		37143		44.8		6.666		829		3.5						93					

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85									.1	.1	.0	.1						17	17					
84/ 83									.0	.0	.1	.0						11	11					
82/ 81									.0	.0	.0	.0						4	4					
80/ 79								.0	.0	.0	.0	.0						7	7					
78/ 77								.1	.0	.1	.1	.1						29	29					
76/ 75							.0	.1	.1	.1	.2	.0						37	37					
74/ 73							.0	.1	.1	.1	.1							32	32					
72/ 71			.0		.0	.0	.3	.2	.3	.1								67	67	2				
70/ 69			.0	.0	.1	.3	.4	.4	.3	.1								107	107	5				
68/ 67		.0	.1	.2	.2	1.1	.9	.8	.4	.1								251	251	9				
66/ 65	.0	.1	.1	.3	.4	.0	.7	.6	.3	.0								216	217	16	3			
64/ 63		.1	.2	.4	.7	1.1	.7	.5	.1	.0								244	247	45	7			
62/ 61	.0	.3	.4	.8	1.1	.7	.8	.3	.1									286	287	67	14			
60/ 59	.0	.7	1.4	2.0	1.5	1.4	.6	.2	.0									516	516	157	35			
58/ 57	.2	1.7	1.1	1.2	1.6	.6	.4	.1										455	456	335	77			
56/ 55	.9	2.0	1.4	1.8	1.0	.8	.1	.1										531	533	578	207			
54/ 53	1.0	3.0	2.5	1.7	.9	.3	.0											674	677	750	387			
52/ 51	1.2	3.5	2.7	1.2	.8	.1	.0											614	617	720	447			
50/ 49	2.5	6.0	3.3	1.5	.6	.1												916	921	1110	925			
48/ 47	1.4	3.4	1.4	.5	.2	.0												454	454	853	746			
46/ 45	1.4	3.8	.6	.2	.0													395	397	729	788			
44/ 43	1.0	2.1	.3	.1	.0													228	228	499	728			
42/ 41	1.0	2.1	.3	.0														226	227	300	824			
40/ 39	.6	.5	.1															78	78	167	439			
38/ 37	.4	.4	.1															54	54	89	330			
36/ 35	.2	.3																38	38	44	224			
34/ 33	.3	.1																25	25	33	170			
32/ 31	.3	.0																20	20	23	125			
30/ 29	.1	.0																5	5	6	33			
28/ 27	.0																	1	1	1	19			
26/ 25																					8			
24/ 23																					2			
TOTAL	13.3	30.1	16.0	11.8	9.3	7.4	5.4	3.4	2.0	.9	.3	.1						6538	6560	6538	6538			
Element (X)	Σx'		Σx		X		Σx		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	39305760		489936		74.9		19.911		6538		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	19635671		354691		54.1		8.356		6560			2.9	63.7	15.5	3.6		744							
Wet Bulb	16201849		323355		49.5		5.660		6538			3.4	1.8				744							
Dew Point	13586059		295307		45.2		6.156		6538			21.3					744							

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
YEARS

YEARS

JUN
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.1														1	1		
72/ 71					.1													1	1		
70/ 69		.1	.1	.1	.3													5	5		
68/ 67		.1	.3	.4	.4	.3												11	11	2	1
66/ 65		.3	.1	.1	.4		.3											9	9	4	1
64/ 63		1.3	1.1	.5	.3	.1												25	25	8	5
62/ 61	.7	1.1	1.3	.5		.1												28	29	22	12
60/ 59	1.8	7.4	2.4	.7	.3													95	96	42	36
58/ 57	1.7	5.8	1.7	.9	.1													78	78	89	67
56/ 55	2.6	6.2	1.6	.9														86	88	96	75
54/ 53	1.2	7.4	2.0	.7	.1													86	86	75	75
52/ 51	2.5	5.9	1.3	.3														76	76	97	90
50/ 49	3.3	9.6	.8	.3														106	106	119	117
48/ 47	1.3	6.1	.4															59	59	86	79
46/ 45	1.6	3.6	.3															41	41	52	85
44/ 43	.8	1.3	.1															17	17	28	49
42/ 41	.9	1.8																21	21	15	37
40/ 39	.3	.5																6	6	13	13
38/ 37	.4	.1																4	4	7	12
36/ 35	.3	.1																3	3	3	3
34/ 33	.1																	1	1	1	1
32/ 31	.1																	1	1	1	2
TOTAL	19.6	58.7	13.4	5.5	2.0	.5	.3											760	764	760	760
																	</				

PSYCHROMETRIC SUMMARY:

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JUN

STATION

STATION NAME

YEARS

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0300-0500

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SOESTERBERG NL
STATION STATION NAME

68-77
YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79								.1										1	1					
78/ 77							.3											2	2					
76/ 75						.1												1	1					
74/ 73						.1												1	1					
72/ 71					.1	.3												3	3					
70/ 69				.1	.7													6	6					
68/ 67		.1	.4	1.3	.4	.1	.1											19	19	1				
66/ 65		.4	1.7	1.0	.3	.1	.1	.1										29	29	6	1			
64/ 63		.9	1.0	1.0	.4	.1	.1											28	28	17	3			
62/ 61	.4	1.6	1.6	1.6														39	40	40	10			
60/ 59	2.0	6.1	3.4	2.4	1.2													115	115	48	58			
58/ 57	2.0	5.9	2.7	.8	.5	.1												92	93	98	64			
56/ 55	2.4	7.1	2.7	1.3	.4													106	106	102	86			
54/ 53	2.6	8.0	2.7	.7	.1													108	108	121	108			
52/ 51	2.1	5.8	3.1	.4														87	87	118	98			
50/ 49	2.0	5.6	1.2	.1														68	68	101	127			
48/ 47	2.0	.9	.5		.1													27	27	64	82			
46/ 45	.3	1.6	.1															15	15	25	49			
44/ 43	.4	.8																9	9	14	33			
42/ 41	.5	.4																7	7	6	34			
40/ 39		.3																2	2	2	7			
38/ 37																				2	3			
36/ 35																					1			
30/ 29																					1			
TOTAL	16.5	45.4	21.3	10.7	4.2	1.0	.7	.3										765	767	765	765			
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	5736485		65607		85.8		11.998		765		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	2418879		42847		55.9		5.748		767				3.9	.6	.1		90							
Wet Bulb	2200866		40864		53.4		4.858		765				.1				90							
Dew Point	2042345		39333		51.4		5.118		765			.1					90							

PSYCHROMETRIC SUMMARY

JUN
MONTH

0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265

SOESTERBERG NL

68-77

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
90/ 89											.1	.4						4	4				
88/ 87											.1	.1						2	2				
86/ 85									.1	.7	.3	.1						9	9				
84/ 83									.4	.4	.3							8	8				
82/ 81								.3	.4	.9	.4							15	15				
80/ 79							.1	.5	.7	.1	.1							12	12				
78/ 77					.1		1.1	1.6	1.6	.4	.7							41	41				
76/ 75						.4	1.9	.8	.9	.8	.3							38	38				
74/ 73				.3	.9	.8	1.6	1.2	.8	.5	.1							47	47				
72/ 71				.1	.5	1.1	.8	1.3	.8	.3	.1							38	39	1			
70/ 69		.1	.1	.1	.8	.5	1.6	1.3	.5	.1								40	40	5	1		
68/ 67		.3	.1	.5	1.2	3.0	2.2	1.1	.3									64	64	20	2		
66/ 65		.4	.5	1.1	1.7	2.4	1.2	.7	.1									61	61	40	3		
64/ 63		.7	.1	.9	2.6	2.0	1.1	.3										57	57	59	3		
62/ 61		1.5	.3	1.5	3.2	1.7	1.3											71	71	68	16		
60/ 59	.7	1.6	1.5	2.7	2.8	3.2	.7											98	98	65	54		
58/ 57		2.3	2.0	1.3	1.7	.4	.1											59	59	103	38		
56/ 55	.3	2.2	.5	.4	.7	.7												35	35	122	64		
54/ 53	.1	.7	.9	.3	1.2													24	24	104	80		
52/ 51		.1	.5	.4														8	8	59	67		
50/ 49	.4	.7		.1														9	9	55	101		
48/ 47	.3	.1																3	3	26	75		
46/ 45																				15	71		
44/ 43		.1																1	1	2	48		
42/ 41																					59		
40/ 39																					30		
38/ 37																					24		
36/ 35																					5		
34/ 33																					2		
32/ 31																					1		
TOTAL	1.7	10.8	6.7	9.9	17.6	16.3	13.7	9.1	6.6	4.3	2.6	.7						744	745	744	744		
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel Hum.	2791969		43627		58.6		17.737		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	3275626		49010		65.8		8.319		745				38.5	21.3	5.3		90						
Wet Bulb	2418693		42233		56.8		5.360		744				3.1				90						
Dew Point	1867662		36962		49.7		6.499		744				.1	.4			90						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265

SOESTERBERG NL

68-77

JUN

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
92/ 91												.1	.3					3	3			
90/ 89											.4	.3						5	5			
88/ 87										.4		.3						5	5			
86/ 85									.1	.7	.7	.4						14	14			
84/ 83							.1		.3	.3	.4	.1						9	9			
82/ 81							.1	.4	.1	.1	.3	.3						10	10			
80/ 79				.1			.1	1.0	1.0	.9	.1	.1	.1					25	25			
78/ 77							1.3	1.3	1.6	1.3			.1					39	39			
76/ 75					.1	.3	1.1	1.1	.6	.6	.6							31	31			
74/ 73					.1	1.1	1.0	1.7	.7	.9								39	39	1		
72/ 71					1.3	.4	1.6	1.9	.1	.4								40	40	4		
70/ 69			.3	.4	.7	1.9	1.4	1.0	.1									41	41	8	1	
68/ 67		.3	1.0	1.4	.7	2.7	3.7	1.3	.6									82	82	24		
66/ 65	.1	.9	.6	.6	.6	2.0	1.6	.6	.1									49	50	36	6	
64/ 63	.1	.4	.3	1.0	1.6	2.6	.9	1.0										55	55	66	11	
62/ 61		.7	.4	3.0	2.4	1.4	2.0											70	70	62	21	
60/ 59	.1	1.3	1.4	2.1	2.3	1.0	.6	.1										63	63	82	39	
58/ 57	.1	1.3	1.7	1.3	1.6	.7	.1											48	48	71	41	
56/ 55	.3	.7	.6	1.1	.9	.4												28	28	107	47	
54/ 53		1.0	.6	.3	.9													19	19	90	60	
52/ 51	.3		.3	.7	.1													10	10	58	70	
50/ 49		1.4	.3															12	12	53	110	
48/ 47		.1																1	1	27	84	
46/ 45		.1																1	1	8	62	
44/ 43		.1																1	1	2	46	
42/ 41																				1	42	
40/ 39																					27	
38/ 37																					20	
36/ 35																					11	
34/ 33																					2	
TOTAL	1.1	8.4	7.4	12.1	13.3	14.6	15.7	11.4	5.4	5.6	2.6	1.7	.6					700	701	700	700	
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	2480694		39876		57.0		17.297		700		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F	
Dry Bulb	3173190		46758		66.7		8.811		701						44.0		23.1		6.4			
Wet Bulb	2306892		39992		57.1		5.622		700						4.8		.1					
Dew Point	1762480		34818		49.7		6.620		700						.1							

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-2C-5 (OL A)

FORM 64

USAFETAC

PSYCHROMETRIC SUMMARY

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

YEARS

MONTH

2100-2300

HOURS (L S T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265

SUESTERBERG NL

68-77

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
92/ 91												.0	.0						3	3			
90/ 89											.1	.1							10	10			
88/ 87										.1	.1	.1							10	10			
86/ 85									.1	.3	.2	.1							33	34			
84/ 83							.0	.0	.1	.1	.1	.0							23	23			
82/ 81							.0	.2	.1	.2	.1	.0							.0	40			
80/ 79				.0		.1	.1	.3	.3	.1	.0	.1	.0						54	54			
78/ 77				.0	.0	.1	.5	.6	.5	.3	.1	.0	.0						124	124			
76/ 75			.0	.0	.1	.2	.6	.4	.3	.2	.1								108	108			
74/ 73			.0	.1	.2	.4	.6	.7	.3	.3	.0								148	149	1		
72/ 71		.0	.1	.1	.7	.5	.6	.7	.2	.2	.0								175	176	8		
70/ 69		.1	.2	.3	.6	.7	.6	.4	.2	.0									178	178	28		
68/ 67	.0	.3	.5	1.1	.9	1.5	1.1	.5	.2										362	363	93		
66/ 65	.0	.5	.7	.7	1.0	.9	.7	.3	.1										292	293	149		
64/ 63	.1	.8	1.1	1.0	1.0	1.1	.5	.2											343	343	275		
62/ 61	.4	1.3	1.2	1.7	1.4	.7	.6	.0											438	441	367		
60/ 59	.9	3.7	2.2	1.9	1.6	1.2	.3	.0											694	695	479		
58/ 57	.8	3.9	2.3	1.1	1.3	.4	.1												587	588	707		
56/ 55	1.3	4.0	1.6	1.3	.6	.2													529	531	809		
54/ 53	1.1	4.2	1.6	.7	.6														484	486	773		
52/ 51	1.2	3.3	1.5	.4	.1														380	380	646		
50/ 49	1.4	4.4	1.0	.1	.0														409	409	675		
48/ 47	.9	1.9	.3		.0														186	186	432		
46/ 45	.5	1.3	.1	.0															110	110	213		
44/ 43	.3	.7	.0																59	59	98		
42/ 41	.3	.6																	55	55	59		
40/ 39	.1	.3																	23	23	37		
38/ 37	.1	.0																	8	8	16		
36/ 35	.1	.1																	10	10	9		
34/ 33	.1																		6	6	7		
32/ 31	.0																		2	2	2		
30/ 29																							
TOTAL	9.9	31.3	14.4	10.7	10.1	7.8	6.3	4.3	2.2	1.6	.8	.4	.1						5883	5897	5883		
Element (X)	Σx ²		Σx		Σ		Σx		No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.	34819572		437528		74.4		19.688		5883		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720						
Dry Bulb	21445237		351661		59.6		8.969		5883			.2	155.3	67.8	16.7		720						
Wet Bulb	17651270		320368		54.5		5.905		5883			.2	15.9	.2			720						
Dew Point	15122886		296058		50.3		6.171		5883			1.2	2.4				720						

PSYCHROMETRIC SUMMARY

JUL

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

MONTH

0300-0500

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

JUL
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
78/ 77				.1			.1											2	2			
76/ 75			.2			.2	.2											6	6			
74/ 73				.1		.1												2	2			
72/ 71		.1	.2		.2	.1	.1											7	7	3		
70/ 69		.5	.2	.5	.1	.1		.1										13	13	5	3	
68/ 67		1.0	1.0	.9	1.0	.5	.1											36	36	11	7	
66/ 65	.5	2.5	2.0	1.0	.4	.1	.1											53	53	16	12	
64/ 63	1.1	4.1	1.5	.2		.1												57	57	58	29	
62/ 61	1.4	6.4	1.9	1.2														88	88	90	53	
60/ 59	3.8	11.4	5.1	1.9	.2	.1												184	184	104	128	
58/ 57	3.8	8.5	2.1	1.0	.2													127	128	155	127	
56/ 55	3.0	7.5	1.0	.2	.2	.1												98	98	140	118	
54/ 53	2.6	5.3	.9															71	71	104	129	
52/ 51	1.0	1.9	.1															24	24	60	78	
50/ 49	.9	1.4																18	18	37	64	
48/ 47	.9	.5																11	11	13	25	
46/ 45	.5	.2																6	6	7	20	
44/ 43	.2	.2																4	4	4	8	
42/ 41		.1	.1															2	2	1	6	
40/ 39		.1																1	1			
38/ 37																				2	2	
32/ 31																					1	
TOTAL	19.6	52.0	16.3	7.2	2.5	1.6	.7	.1										810	811	816	810	
Element (X)	Σ x ¹		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	6450479		71749		88.6		10.838		810		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	2842028		47814		59.0		5.336		811				7.6	1.1			93					
Wet Bulb	2646310		46144		57.0		4.662		810				2.2				93					
Dew Point	2507245		44887		55.4		4.945		810				.1	1.1			93					

PSYCHROMETRIC SUMMARY

JUL

MONTH

0900-1100

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
88/ 87													.1					1	1			
86/ 85							.1			.3								3	3			
84/ 83						.1	.3	.1	.4		.1	.1						9	10			
82/ 81					.1	.3	.1	.1	.4	.1								9	9			
80/ 79							.3	.8	.1	.3	.1							12	12			
78/ 77			.1	.5	.4	.4	1.1	.8	.3		.1							28	28			
76/ 75				.1	.5	.3	1.1	.5	.1	.1								21	22			
74/ 73			.1	.1	.4	1.5	.5	.1										21	21	5		
72/ 71			.3	.3	2.4	1.6	.7	.3	.1									42	42	8	1	
70/ 69		.5	1.1	.9	2.0	1.3	.1	.1										46	46	8	4	
68/ 67		1.3	1.9	4.7	2.2	2.6	.3											96	96	26	16	
66/ 65	.1	2.0	2.3	2.4	1.7	1.3	.3	.1										77	77	55	15	
64/ 63	.3	3.8	2.4	3.0	2.7	1.6	.3											104	104	91	27	
62/ 61	.3	3.5	2.3	3.4	2.2	.9												93	93	121	49	
60/ 59	.8	4.0	3.0	2.7	1.9	.3												94	94	100	101	
58/ 57	1.6	2.8	.7	.8	.5													48	48	128	111	
56/ 55	.7	1.5	.7															21	21	94	93	
54/ 53	.4	1.1	.7	.1														17	17	60	93	
52/ 51			.1															1	1	40	72	
50/ 49		.1																1	1	7	84	
48/ 47																				1	26	
46/ 45																					25	
44/ 43																					17	
42/ 41																					9	
38/ 37																					1	
TOTAL	4.2	20.7	15.6	19.1	17.1	12.2	5.1	3.1	1.5	.8	.4	.1	.1					744	746		744	
																		744		744		
Element (X)	Σx'	Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	3991899	53197		71.5		5.917		744		≤ 0 F		≤ 32 F		≤ 47 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	3223188	48782		65.4		6.682		746						36.2		13.2		3.2				93
Wet Bulb	2650112	44268		59.5		4.665		744						5.9		.6						93
Dew Point	2290996	41078		55.2		5.562		744						2.6								93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

JUL
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
94/ 93														.1				1	1				
92/ 91													.2	.1				3	3				
90/ 89									.1			.1	.1					3	3				
88/ 87								.2	.1	.2	.5	.1	.2					12	12				
86/ 85							.2	.2	.5	.4	.5	.2						17	17				
84/ 83						.4	.2	.2	.2	.4	.2	.2	.1					17	17				
82/ 81					.1	.1	.4	.5	.4	1.2	.2	.1						25	25				
80/ 79							.2	.6	.2	.6		.1						15	15				
78/ 77				.1	.1	.5	1.1	1.3	1.1									35	35				
76/ 75				.1	.1	.9	1.6	1.8	.4									40	40				
74/ 73				.1	.5	1.5	1.0	1.8		.2								42	42	13			
72/ 71			.5	.2	2.6	1.2	1.1	.2	.1									49	49	7			
70/ 69		.2	.9	1.1	2.7	1.6	.7	.7										65	65	14	6		
68/ 67		.6	.9	1.8	1.9	3.3	2.3	1.2										99	99	42	10		
66/ 65		.6	1.7	2.9	1.7	2.2	1.3	.5										90	90	49	12		
64/ 63		1.3	2.2	3.3	1.6	2.3	1.6	.2										103	103	113	26		
62/ 61	.1	.4	2.1	2.1	1.6	1.2	.5											65	65	109	30		
60/ 59	.4	3.0	1.1	2.2	1.9	.7												83	83	120	92		
58/ 57	.4	1.9	.9	.5	.1													31	31	127	107		
56/ 55	.2	.9	.4	.1														13	13	92	102		
54/ 53	.6	.7		.1														12	12	90	109		
52/ 51	.1																	1	1	36	89		
50/ 49																				8	77		
48/ 47																				1	45		
46/ 45																					44		
44/ 43																					36		
42/ 41																					29		
40/ 39																					6		
38/ 37																					1		
TOTAL	1.8	10.5	10.5	14.7	15.0	15.8	12.3	9.7	3.2	3.0	1.5	1.0	.7	.2				821	821		821		
																		821		821			
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											Total	
Rel. Hum.	3424123		51123		62.3		17.134		821		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb	3859443		55917		68.1		7.888		821				47.9	23.8	10.1	.1			93				
Wet Bulb	2947400		49024		59.7		4.945		821				8.6	1.5					93				
Dew Point	2394053		44061		53.7		5.989		821				1.8						93				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
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SOESTERBERG NL
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PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																			
96/ 95																																1	1						
94/ 93																											.3	.1				2	2						
92/ 91																										.3						2	2						
90/ 89																																7	7						
88/ 87																																14	14						
86/ 85																																23	23						
84/ 83																																15	15						
82/ 81																																21	21						
80/ 79																																21	21						
78/ 77																																29	29						
76/ 75																																49	49	2					
74/ 73																																39	39	5	1				
72/ 71																																50	50	17					
70/ 69																																79	79	13	1				
68/ 67																																112	113	49	13				
66/ 65																																72	72	62	15				
64/ 63																																65	65	90	30				
62/ 61																																46	47	110	29				
60/ 59																																46	46	102	66				
58/ 57																																28	28	107	76				
56/ 55																																16	16	83	115				
54/ 53																																5	5	66	97				
52/ 51																																5	5	31	66				
50/ 49																																1	1	11	93				
48/ 47																																			51				
46/ 45																																			39				
44/ 43																																			32				
42/ 41																																			16				
40/ 39																																			7				
38/ 37																																			1				
TOTAL	1.7	9.6	7.6	12.0	14.7	15.0	16.0	10.4	4.9	3.3	1.7	1.1	1.3	.3	.1																	748	750	748					
Element (X)	Σ X ²			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X		
Rel. Hum.	2910153			44835			59.9			17.268			748			Σ 0 F			Σ 32 F			Σ 67 F			Σ 73 F			Σ 80 F			Σ 93 F			Total					
Dry Bulb	3654393			51985			69.3			8.263			750									57.7			27.7			11.5			.4			93					
Wet Bulb	2726341			44999			60.2			5.075			748									10.7			.9									93					
Dew Point	2182429			40151			53.7			6.036			748									1.9			.1									93					

PSYCHROMETRIC SUMMARY

JUL

MONTH

1800-2000

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
92/ 91												.1						1	1					
90/ 89											.1							1	1					
88/ 87											.1	.2	.1	.2				6	6					
86/ 85								.1	.1	.2	.2	.2						8	8					
84/ 83								.1	.1	.1	.4	.2	.2	.1				11	11					
82/ 81					.1	.1	.2	.1	.1	.4	.1	.1						11	11					
80/ 79				.2	.2	.2	.4	.5	.5	.2								19	19					
78/ 77			.1	.5	.4	1.1	1.1	.1	.4									30	30					
76/ 75			.2	.5	.5	.4	1.6	.2										28	28					
74/ 73			.2	.4	.6	1.6	1.4	.5	.1									39	39	7				
72/ 71		.1	.6	.9	2.0	1.4	.9	.1										48	48	7				
70/ 69		.2	.4	1.5	2.1	1.0	1.2	.5										56	56	26				
68/ 67		.1	1.6	1.7	2.5	2.8	1.2	.7										87	87	27				
66/ 65		.5	1.4	2.0	2.8	1.4	1.2	.2										77	77	49				
64/ 63		1.4	2.6	3.3	2.7	2.6	1.0											110	110	100				
62/ 61	.5	1.7	2.0	2.3	2.2	1.7	.2											87	87	98				
60/ 59	.7	3.2	2.5	3.8	2.0	.7												105	105	93				
58/ 57	.1	1.2	1.0	.6	1.7													38	38	122				
56/ 55	.2	2.0	1.4	.6														34	34	107				
54/ 53	.2	.9	.5															13	13	98				
52/ 51	.2	.2																4	4	51				
50/ 49																				28				
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
TOTAL	2.1	11.6	14.4	17.8	19.9	14.3	10.7	4.3	1.2	1.7	1.0	.6	.4					813		813				
																		813		813				
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Num.	3752013		53663		66.0		16.079		813		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	3610179		53845		66.2		7.363		813						39.5		17.6		5.7				93	
Wet Bulb	2853895		47985		59.0		5.172		813						7.7		.8						93	
Dew Point	2377345		43671		53.7		6.230		813						2.2								93	

PSYCHROMETRIC SUMMARY

JUL

YEARS

MONTH

2100-2300

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265

SOESTERBERG NL

68-77

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
96/ 95															.0			1	1					
94/ 93															.0			3	3					
92/ 91												.0	.1	.0				6	6					
90/ 89									.0	.0	.0	.1	.0					11	11					
88/ 87								.0	.0	.1	.1	.1	.1					33	33					
86/ 85							.1	.1	.1	.2	.1	.1	.1					51	51					
84/ 83					.0	.1	.1	.1	.2	.2	.1	.1	.0					52	53					
82/ 81					.0	.1	.1	.1	.2	.3	.1	.0						67	67					
80/ 79			.0	.0	.0	.1	.1	.4	.2	.1	.0	.0						71	71					
78/ 77			.0	.2	.2	.2	.7	.6	.2	.0	.0							134	134					
76/ 75			.1	.2	.2	.4	.8	.5	.2	.0								150	151	3				
74/ 73		.0	.1	.2	.3	.7	.7	.5	.0	.0								163	163	34 2				
72/ 71		.1	.4	.3	1.2	.7	.5	.2	.1									219	219	54 10				
70/ 69	.0	.3	.7	.7	1.4	.8	.5	.3	.0									297	297	84 28				
68/ 67	.1	.8	1.5	1.8	1.5	1.7	.8	.5	.0									541	542	183 89				
66/ 65	.1	1.5	1.6	1.4	1.1	.8	.7	.2										466	466	284 93				
64/ 63	.4	3.0	1.9	1.7	1.2	1.0	.4	.0										602	602	589 201				
62/ 61	.6	3.7	1.8	1.8	1.0	.6	.2											603	606	737 363				
60/ 59	1.4	7.0	3.0	1.9	1.0	.3												909	910	741 731				
58/ 57	1.6	5.2	1.4	.8	.4	.0												596	598	1046 783				
56/ 55	1.3	4.7	1.0	.5	.1	.0												470	470	876 839				
54/ 53	1.3	3.2	.8	.1														337	339	728 892				
52/ 51	.8	1.9	.3															192	192	405 636				
50/ 49	.8	1.5	.0															144	145	303 685				
48/ 47	.4	.5																58	58	91 315				
46/ 45	.2	.4																39	39	38 257				
44/ 43	.2	.2																26	26	36 183				
42/ 41	.2	.1	.0															21	21	21 125				
40/ 39	.0	.1																8	8	11 27				
38/ 37	.0																	1	1	4 11				
32/ 31																					1			
TOTAL	9.5	34.3	14.5	11.4	9.6	7.6	5.8	3.5	1.4	1.1	.6	.4	.3	.1	.0			6271	6283	6271				
																		6271		6271				
Element (X)	Σx'		Σx		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	39012082		480950		76.7		18.4		6271		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	25127917		394009		62.7		8.268		6283				213.4	88.1	30.7	.5	744							
Wet Bulb	21194198		362984		57.9		5.411		6271				42.5	4.4			744							
Dew Point	18726906		340812		54.3		5.714		6271				.1	15.3	.2		744							

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 64

USAFETAC

PSYCHROMETRIC SUMMARY

AUG
MONTH

0000-0200
HOURS (L. S. T.)

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

MONTH

0900-1100

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265

SOESTERBERG NL

68-77

AUG

STATION

STATION NAME

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MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
92/ 91												.4									3	3		
90/ 89										.1	.1	.2									4	4		
88/ 87										.4	.4										6	6		
86/ 85									.2	.6	.5	.4	.1								15	15		
84/ 83								.4	.5	.5	.5										15	15		
82/ 81							.2	.4	.4	.7	.6										19	19		
80/ 79							.2	.7	.8	.2	.2	.2									21	22		
78/ 77					.4	.1	2.2	1.5	.8	1.1	.2										52	52		
76/ 75				.1	1.1	.4	2.4	.7	1.9	.4											58	58		
74/ 73				.7	.8	1.2	1.6	1.7	.2	.5											56	56		
72/ 71			.6	.2	1.6	2.4	1.8	1.5	.8												74	74	2	
70/ 69		.1	.4	.7	2.1	2.1	1.6	1.8	.1												73	74	23	
68/ 67		.4	1.2	2.1	2.3	4.5	3.1	.8	.1												120	121	50	2
66/ 65		.7	2.1	1.7	2.2	2.8	1.1	.1	.1												89	89	59	7
64/ 63	.5	1.6	1.5	2.2	1.9	1.8	1.0														86	86	111	40
62/ 61	.4	1.7	1.8	1.8	1.3	.4	.2														63	63	124	39
60/ 59	.6	2.5	1.5	.7	.5	.2															50	50	149	103
58/ 57	.4	1.0	.1	.1	.1																14	14	132	88
56/ 55		.2	.2																		4	4	118	103
54/ 53	.2																				2	2	40	97
52/ 51	.2																				2	2	16	86
50/ 49																							2	91
48/ 47																								66
46/ 45																								51
44/ 43																								27
42/ 41																								22
40/ 39																								3
36/ 35																								1
TOTAL	2.3	8.2	9.3	10.4	14.3	15.9	15.5	9.6	6.2	4.5	2.5	1.2	.1								1826	829	826	626
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3178259		49179		59.5		17.415		826		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	4034270		57520		69.4		7.016		826				58.2	28.0	8.3		93							
Wet Bulb	3007384		49720		60.2		4.200		826				8.4				93							
Dew Point	2397407		44231		53.6		5.696		826				.2				93							

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1500-1700

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

06265

SOESTERBERG NL

68-77

AUG

STATION

STATION NAME

YEARS

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PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89												.4						3	3			
88/ 87										.2	.4							5	5			
86/ 85										.4		.1						4	4			
84/ 83								.1	.1	.6	.4							10	10			
82/ 81								.2	.2	.1	.5							9	9			
80/ 79						.1		.1	.4	.1		.1						7	7			
78/ 77				.5	.1	.1	.9	.5	1.4	.4	.1							34	34			
76/ 75			.1	.1	.6	.4	1.2	.5	.8	.1								32	32			
74/ 73				.4	.6	1.2	.6	.6	.2	.2								32	32			
72/ 71		.1	.9		1.6	1.3	.7	.9	.4	.1								52	52	8		
70/ 69		.2	1.2	1.1	1.9	1.1	1.2		.2									58	58	7	2	
68/ 67	.1	.7	2.1	4.2	2.6	2.1	1.5	.9	.1									123	123	38	10	
66/ 65	.5	.9	2.8	2.6	1.8	1.4	.5	.1										90	90	57	16	
64/ 63	.7	2.8	2.9	3.3	2.5	1.8	.6	.1										125	125	100	35	
62/ 61	.9	3.5	2.1	2.1	2.4	.5			.1									99	100	154	53	
60/ 59	.8	3.8	2.5	3.2	1.8	.4												105	106	126	138	
58/ 57	.6	1.3	1.6	.6	.2													37	38	128	111	
56/ 55	.5	.5	.6	.7														19	19	121	92	
54/ 53	.2	.1	.1															4	4	74	75	
52/ 51		.1																1	1	24	79	
50/ 49																				11	100	
48/ 47																					49	
46/ 45																				1	42	
44/ 43																					23	
42/ 41																					20	
40/ 39																					4	
TOTAL	4.4	14.1	17.1	18.7	16.0	10.2	7.2	4.1	4.0	2.2	1.3	.6							849		849	
																		849		849		
Element (X)	Σ x²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	4210503		57897		68.2		17.586		849		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	3776116		56444		66.2		6.573		852				40.3	14.8	3.9		93					
Wet Bulb	3023577		50327		59.5		4.416		849				5.8				93					
Dew Point	2552303		46273		54.5		5.976		849				1.3				93					

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

FORM 0-26-5

USAFETAC

PSYCHROMETRIC SUMMARY

AUG

MONTH

2100-2300

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 STATION SOESTERBERG NL STATION NAME 68-77 YEARS AUG MONTH

PAGE 1

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
92/ 91												.2	.0						11	11				
90/ 89										.0	.1	.1							12	13				
88/ 87										.1	.1								15	15				
86/ 85									.0	.2	.2	.1	.1						46	47				
84/ 83								.0	.1	.2	.2	.1	.0						49	49				
82/ 81						.0	.1	.2	.1	.2	.2		.0						50	50				
80/ 79						.0	.0	.4	.2	.2	.1	.1							64	65				
78/ 77			.0	.1	.1	.2	.8	.5	.5	.3	.1								175	175				
76/ 75			.0	.0	.3	.2	.9	.3	.5	.1	.1								162	163				
74/ 73		.0		.2	.4	.7	.8	.6	.2	.1									187	187	2			
72/ 71		.0	.4	.1	1.1	.9	.8	.6	.3	.0									280	282	21	2		
70/ 69		.1	.4	.5	1.2	.9	.6	.5	.1										287	288	68	3		
68/ 67	.1	.7	1.4	2.2	1.3	1.9	1.4	.5	.1										629	631	178	38		
66/ 65	.4	1.3	1.8	1.6	1.3	1.0	.4	.2	.0										525	525	313	97		
64/ 63	.8	3.2	1.9	1.5	1.1	.9	.2	.0											634	634	571	229		
62/ 61	1.4	4.5	2.0	1.6	.8	.2	.1		.0										697	701	875	413		
60/ 59	1.9	7.1	2.4	1.3	.5	.2	.0												887	888	1023	873		
58/ 57	1.9	5.0	1.2	.4	.2	.0													574	575	1122	901		
56/ 55	1.3	3.6	.9	.3	.1	.0													399	401	920	856		
54/ 53	1.2	3.2	.3	.1	.0														313	314	585	760		
52/ 51	.8	2.1	.2	.1															212	212	358	651		
50/ 49	1.1	1.9	.1																208	208	308	821		
48/ 47	.3	.6																	59	59	105	358		
46/ 45	.3	.5																	47	47	60	244		
44/ 43	.1	.2																	24	24	31	151		
42/ 41	.1	.1																	13	13	15	122		
40/ 39	.1	.0																	8	8	10	37		
38/ 37	.0																		2	2	4	12		
36/ 35																						1		
TOTAL	11.8	34.2	13.0	10.1	8.5	7.3	6.1	3.8	2.3	1.4	1.0	.5	.1						6569	6587	6569	6569		
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	41168558		504030		76.7		19.491		6569		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	26449637		413969		62.8		8.110		6587				223.2	87.5	23.5		744							
Wet Bulb	22222485		380631		57.9		5.048		6569				30.5	.2			744							
Dew Point	19599699		356989		54.3		5.509		6569				4.9				744							

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

YEARS

MONTH

0600-0800
HOURS (L. S. T.)

[illegible]

06265

STATION NAME

YEARS

MONTH

0900-1100

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

MONTH

1200-1400

HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

SEP
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86/ 85										.1								1	1					
82/ 81								.4										3	3					
80/ 79						.1	.3											3	3					
78/ 77							.9	.3			.3	.1						12	12					
76/ 75							1.3	.1	.1		.1							13	13					
74/ 73						.7	.4	.5	.3	.1								15	15					
72/ 71			.4	.3	1.6	.7	.5	.5	.5	.4								37	37					
70/ 69			.9	.8	1.6	1.6	1.6	.1	.3	.1								53	53	1				
68/ 67		.5	1.8	2.9	2.5	4.1	3.4	.9	.3									125	125	11				
66/ 65	.1	.1	1.3	1.2	1.2	1.7	2.6	.5										67	68	31	9			
64/ 63	.1	.7	.9	1.2	2.8	2.0	2.9	.1	.1									82	82	49	9			
62/ 61		2.1	1.2	3.4	2.9	1.3	1.3		.1									94	94	59	28			
60/ 59	.4	1.3	1.2	2.8	2.9	3.4	.1	.4										95	95	83	50			
58/ 57	.8	1.7	1.6	1.6	2.0	1.1	.4											69	69	27	46			
56/ 55	.4	.9	1.4	1.4	1.1	.3												42	42	118	70			
54/ 53	.5	1.7	1.2	.5	.3													32	32	125	55			
52/ 51	.3	.1	.1	.1	.1													6	6	83	61			
50/ 49	.3	.5	.1															7	7	70	126			
48/ 47		.3																2	2	22	65			
46/ 45	.1																	1	1	10	68			
44/ 43																					55			
42/ 41																					60			
40/ 39																					38			
38/ 37																					7			
36/ 35																					7			
34/ 33																					1			
32/ 31																					2			
30/ 29																					2			
TOTAL	3.0	10.0	12.3	16.2	18.8	16.9	15.8	4.0	1.7	.8	.4	.1						759	760	759	759			
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3258283		48151		63.4		16.388		759		≤ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	3089043		48235		63.5		6.042		760				31.0	5.6	.5		90							
Wet Bulb	2407842		42588		56.1		4.900		759				1.4				90							
Dew Point	1931483		37943		50.0		6.745		759				.5				90							

PSYCHROMETRIC SUMMARY

08,265

SDESTERBERG NL

68-77

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS 12.30.3.1

[illegible]

PSYCHROMETRIC SUMMARY

SEP
MONTH

HOURS (L, S, T,

USAFETAC
FORM
7-74 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE CANCELLED

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265

SOESTERBERG NL

68-77

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
86/ 85										.0								1	1						
84/ 83										.0								1	1						
82/ 81								.1										4	4						
80/ 79						.0	.0	.0										7	7						
78/ 77					.0	.0	.2	.0			.0	.0						25	25						
76/ 75					.0	.0	.3	.0	.0	.0	.0	.0						25	25						
74/ 73				.0	.1	.2	.1	.1	.1	.0								40	40						
72/ 71			.1	.0	.4	.2	.1	.1	.1	.1								76	76						
70/ 69		.0	.3	.4	.5	.4	.4	.1	.1	.0								137	137	4					
68/ 67		.2	.8	1.0	.7	1.3	.7	.4	.1									326	326	26	1				
66/ 65	.1	.5	1.0	.7	.7	.5	.6	.2										274	276	94	28				
64/ 63	.2	1.3	1.1	1.0	1.1	1.0	.6	.1	.0									407	407	204	70				
62/ 61	.6	2.9	1.1	1.5	1.4	.6	.4	.0	.0									542	542	329	163				
60/ 59	1.2	4.6	1.9	2.3	1.4	1.1	.1	.1										801	802	484	441				
58/ 57	1.8	4.2	1.9	1.3	1.0	.4	.1											678	680	749	479				
56/ 55	1.0	3.8	1.6	1.1	.5	.2												513	514	750	503				
54/ 53	1.6	6.0	1.7	.4	.1	.0												626	626	875	565				
52/ 51	1.2	4.7	1.2	.3	.0													466	466	771	651				
50/ 49	1.5	5.5	1.0	.0														504	506	790	1063				
48/ 47	.9	3.1	.2	.0	.0													268	268	467	615				
46/ 45	.7	2.2	.1	.0														192	193	289	574				
44/ 43	.5	1.5	.0	.0														127	127	153	395				
42/ 41	.7	1.3	.0															130	131	130	400				
40/ 39	.5	.5																67	67	106	193				
38/ 37	.3	.2																33	33	45	84				
36/ 35	.1	.1																14	14	15	50				
34/ 33	.2	.0																13	13	16	26				
32/ 31	.1	.0																9	9	9	19				
30/ 29	.0																	3	3	3	9				
28/ 27	.0																	1	1	1	1				
TOTAL	13.2	42.7	14.0	10.1	8.1	6.1	3.8	1.2	.4	.2	.1	.0						6310	6320	6310	6310				
Element (X)	Σ X ²			Σ X			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature										Total			
Rel. Hum.	43394633			512523			81.2	16.728	6310			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						720		
Dry Bulb	20601186			357558			56.6	7.674	6320				1.5	73.1	11.7	.8						720			
Wet Bulb	18032952			335188			53.1	6.008	6310				1.5	3.4								720			
Dew Point	16176430			316980			50.2	6.334	6310				3.3	.1								720			

PSYCHROMETRIC SUMMARY

OCT

MONTH

0000-0200

HOURS (L, S, T,)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SOESTERBERG NL
STATION STATION NAME

68-77
YEARS

OCT
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63		.1	.1															2	2		
62/ 61	.1	.1	.4															5	5	2	1
60/ 59	.6	.6	.5	.1	.1													16	16	10	7
58/ 57	1.1	2.2																26	27	24	13
56/ 55	1.1	3.7	.8	.3														46	46	40	30
54/ 53	1.7	6.0	.4															63	63	56	50
52/ 51	1.8	3.7	.8															49	49	51	49
50/ 49	3.7	8.2	1.3															103	103	78	93
48/ 47	2.7	4.1	.5															57	57	74	66
46/ 45	3.4	5.5																70	70	63	63
44/ 43	2.6	6.3		.1														79	70	75	68
42/ 41	3.2	6.8		.3														80	80	79	94
40/ 39	2.4	4.1	.1															52	52	71	59
38/ 37	1.8	4.7	.4															54	54	45	48
36/ 35	2.2	2.6																37	37	50	50
34/ 33	2.4	2.0																35	35	47	37
32/ 31	.8	.3																8	8	7	37
30/ 29	.4																	3	3	4	7
28/ 27	.4																	3	3	3	5
26/ 25	.3																	2	2	2	4
24/ 23	.3																	2	2	2	2
TOTAL	33.0	60.9	5.2	.8	.1													783	784	783	783
														</							

PSYCHROMETRIC SUMMARY

OCT

MONTH

0600-0800

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-77

HC T

YEARS

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

OCT
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
76/ 75							.1											1	1				
74/ 73							.1											1	1				
72/ 71					.6	.2												7	7				
70/ 69				.2	.1	.9		.1										11	11				
68/ 67		.1	.1	.7	1.1	.9	.4	.4										30	30				
66/ 65		.4	.6	.5	.9	.6	.5		.1									29	29	1	1		
64/ 63		.7	.9	2.1	1.2	.6	.4											48	49	14			
62/ 61	.2	.5	1.3	1.8	.9	.1												40	40	32	7		
60/ 59	1.1	1.6	4.0	3.2	2.7	1.1	.2	.4										117	119	44	33		
58/ 57	.4	1.8	2.7	1.8	2.6	.2	.5	.2										84	84	61	25		
56/ 55	.6	2.8	1.5	2.6	1.7	1.2	.4											88	90	85	44		
54/ 53	.5	2.3	3.4	3.7	1.3	1.6												105	105	92	73		
52/ 51	.1	1.8	3.3	2.1	.7	.4												69	69	77	64		
50/ 49	2.0	2.0	2.4	1.1	1.0	.9												76	76	121	91		
48/ 47	.5	1.1	2.1	.9	.6													42	42	87	74		
46/ 45	.5	1.2	.9	.6	.2													28	28	76	72		
44/ 43	.1	2.0	.4	.1	.1													22	22	57	66		
42/ 41	.1	1.7	.1															16	16	47	107		
40/ 39		.2		.1														3	3	18	42		
38/ 37																				4	37		
36/ 35	.1																	1	1	1	20		
34/ 33																				1	14		
32/ 31																					26		
30/ 29																					11		
28/ 27																					8		
26/ 25																					3		
TOTAL	6.2	20.3	23.7	21.5	15.8	8.7	2.6	1.1	.1									818	823	818	818		
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	4498752		59228		72.4		16.044		818		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	2582658		45786		55.6		6.566		823				5.7	.2			93						
Wet Bulb	2143911		41599		50.9		5.897		818								93						
Dew Point	1795258		37824		46.2		7.527		818			5.5					93						

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
YEARS

NOT
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
76/ 75								.1										1	1				
74/ 73							.1											1	1				
72/ 71					.1	.3	.3	.1										6	6				
70/ 69				.3	.4	.8		.1	.3									14	14				
68/ 67		.1	.4	.8	.7	1.0	.4	.1	.1									28	28	1			
66/ 65		.1	.9	1.3	.7	.5	.3	.1										30	30		1		
64/ 63	.1	.7	1.2	1.7	.7	.7		.3										40	41	12	1		
62/ 61	.4	.8	1.6	2.7	1.6		.1	.3										57	57	30	13		
60/ 59		.7	1.2	3.0	2.0	.8	.4	.3										63	63	35	12		
58/ 57	.4	2.1	3.0	1.7	2.3	.3	.9	.1										83	83	59	20		
56/ 55	.4	1.6	2.9	1.7	2.1	.7	.4	.3										76	76	63	30		
54/ 53	.8	2.0	3.1	3.0	1.2	.5												81	82	94	67		
52/ 51	.5	1.4	3.9	3.0	1.2	.3	.1											80	81	66	61		
50/ 49	1.0	3.1	5.9	2.9	1.3	.5	.4											116	117	92	102		
48/ 47		1.2	1.7	.9	.8	.1												36	36	109	62		
46/ 45	.1	1.4	.5		.3													18	18	82	72		
44/ 43	.1	1.8		.1														16	17	56	62		
42/ 41		2.2	.1															18	18	39	85		
40/ 39		.7																5	5	24	59		
38/ 37																				7	47		
36/ 35																					19		
34/ 33																					12		
32/ 31																					25		
30/ 29																					9		
28/ 27																					3		
26/ 25																					2		
24/ 23																					4		
22/ 21																					1		
TOTAL	3.9	19.8	26.3	23.0	15.1	6.4	3.4	1.8	.4									769	774	769	769		
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	4128861		55067		71.6		15.545		769		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	2406046		42842		55.4		6.698		774						6.0		.2						93
Wet Bulb	1985255		38807		50.5		5.917		769						.1								93
Dew Point	1649675		35151		45.7		7.476		769				5.3										93

PSYCHROMETRIC SUMMARY

06265
STATIC

SUESTERBERG NL

68-77

DCT
MONTH

PAGE 1

1800-2000
HOURS (P. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FORM
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

DCT

MONTH

2100-2300

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SOESTERBERG NL
STATION STATION NAME

68-77
YEARS

OCT
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
76/ 75							.0	.0										2	2			
74/ 73							.0											2	2			
72/ 71					.1	.1	.0	.0										13	13			
70/ 69				.1	.1	.2	.0	.0	.0									26	26			
68/ 67		.0	.1	.3	.3	.2	.1	.1	.0									65	65	1		
66/ 65		.1	.2	.3	.2	.1	.1	.0	.0									72	72	1	2	
64/ 63	.0	.3	.4	.6	.2	.2	.0	.0										118	120	28	1	
62/ 61	.3	.6	.8	.6	.3	.0	.0	.0										176	177	103	40	
60/ 59	.8	1.7	1.5	1.0	.6	.3	.1	.1										384	387	181	119	
58/ 57	1.3	2.6	1.3	.6	.8	.1	.2	.0										434	435	360	208	
56/ 55	1.3	3.7	1.3	.9	.5	.3	.1	.0										517	521	461	306	
54/ 53	1.6	4.4	1.7	1.1	.4	.3												610	611	558	494	
52/ 51	1.1	3.8	1.8	.8	.3	.1	.0											504	507	500	466	
50/ 49	2.5	6.0	2.9	.7	.4	.2	.0											812	813	735	709	
48/ 47	1.8	4.0	1.7	.3	.2	.0												518	518	696	566	
46/ 45	1.8	4.9	.5	.2	.1													481	482	630	579	
44/ 43	1.5	4.5	.4	.3	.1													425	427	581	539	
42/ 41	1.7	5.6	.7	.1	.0													518	518	511	855	
40/ 39	1.1	2.2	.2	.0														221	222	379	417	
38/ 37	.8	1.9	.2															180	180	255	312	
36/ 35	.7	1.5	.0															141	141	172	251	
34/ 33	.8	.5																87	87	152	208	
32/ 31	.5	.2	.0															44	44	41	171	
30/ 29	.1	.1																14	14	19	69	
28/ 27	.2																	11	11	11	36	
26/ 25	.1																	6	6	6	24	
24/ 23	.1																	4	4	4	11	
22/ 21																					2	
TOTAL	19.9	48.8	15.6	7.9	4.6	2.0	.8	.4	.1									6335	6405	6385	6385	
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel Hum	48294623		548225		85.9		13.842		6385		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	16286551		319083		49.8		7.809		6405			9.2	12.5	.5			744					
Wet Bulb	14749449		303643		47.6		6.963		6385			9.4	.1				744					
Dew Point	13489371		289725		45.4		7.328		6385			36.5					744					

PSYCHROMETRIC SUMMARY

NOV

MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV

MONTH

0300-0500

MOUSE (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-77

NGV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L - S - T.)

[illegible]

PSYCHROMETRIC SUMMARY

YFARS

PAGE 1

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

48-77

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV

MONTH

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NOV

MONTH

2100-2300

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
64/ 63				.1			.0											5	5					
62/ 61		.0	.1															6	6					
60/ 59	.1	.1	.2	.0	.0													31	31	10	10			
58/ 57	.2	.8	.2	.2	.2													95	95	50	14			
56/ 55	.1	.6	.5	.4	.2													108	108	57	51			
54/ 53	.3	2.2	1.0	.4	.1													246	246	107	67			
52/ 51	.5	3.1	1.1	.5	.1	.0												326	328	267	135			
50/ 49	1.3	4.7	2.8	.8	.3	.0												604	607	401	403			
48/ 47	1.2	4.5	2.3	.7	.1													536	538	477	326			
46/ 45	.9	6.6	1.5	.9	.1													614	616	564	416			
44/ 43	1.1	7.6	1.4	.7	.2													674	677	681	490			
42/ 41	2.6	10.0	1.9	.4	.1													917	920	802	884			
40/ 39	2.1	5.0	1.2	.1														512	513	808	744			
38/ 37	2.0	4.0	.4	.0														399	400	594	629			
36/ 35	1.9	2.9	.4	.1														320	321	413	530			
34/ 33	2.1	1.4	.3	.0														230	230	333	412			
32/ 31	2.2	1.6	.2															247	248	234	473			
30/ 29	1.0	.7	.1															110	110	142	194			
28/ 27	.7	.2	.0															59	59	83	112			
26/ 25	.4	.2																37	37	44	77			
24/ 23	.2	.1																23	23	30	67			
22/ 21	.0																	2	2	4	39			
20/ 19	.1																	5	5	5	27			
18/ 17	.0																	2	2	2	6			
16/ 15	.0																	3	3	3	2			
14/ 13	.0																	1	1	1	3			
12/ 11																					1			
TOTAL	21.1	56.4	15.7	5.2	1.5	.1	.0											6112	6131		6112			
																		6112		6112				
Element (X)	Σx²			Σx		x̄		σx		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	47818715			536475		87.8		10.931		6112		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	11664196			264008		43.1		6.945		6131				57.5										720
Wet Bulb	10742246			253118		41.4		6.520		6112				64.6										720
Dew Point	9837275			241521		39.5		6.929		6112				117.9										720

PSYCHROMETRIC SUMMARY

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OLA)

FORM 4-73

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SUESTERBERG NL
STATION NAME

67-76
YEARS

DEC
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
54/ 53		.5																4	4	1			
52/ 51	.3	1.4	.3															14	14	8	4		
50/ 49	.3	3.9	1.1															39	39	24	21		
48/ 47	.3	2.4	1.4															30	30	23	20		
46/ 45	.7	4.3	.5	.1														42	42	29	22		
44/ 43	1.6	6.4	.9	.3														68	69	67	41		
42/ 41	2.0	9.1	1.1	.1														91	92	58	76		
40/ 39	1.9	4.7	1.1	.3														59	59	105	62		
38/ 37	1.8	3.9	1.2	.1														52	52	51	73		
36/ 35	2.0	4.7	.3															52	52	54	56		
34/ 33	4.1	2.6	.1															50	50	78	57		
32/ 31	6.6	3.8	.1															78	80	61	101		
30/ 29	5.0	1.4																47	48	61	46		
28/ 27	1.8	.7																18	18	21	36		
26/ 25	1.4	.7	.1															16	17	14	26		
24/ 23	1.6	.8																18	18	16	21		
22/ 21	2.0	.1																16	16	22	19		
20/ 19	.9	.1																8	8	9	9		
18/ 17	1.5	.1																12	13	12	11		
16/ 15	.7																	5	5	5	13		
14/ 13	1.2																	9	10	9	11		
12/ 11	.4																	3	3	3	6		
10/ 9	.7																	5	5	5	2		
8/ 7																					3		
6/ 5	.1																	1	1	1	1		
TOTAL	38.9	51.8	8.3	.9														737	745	737			
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	6199293		67305		91.3		8.470		737		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	1047423		27127		36.4		8.956		745				30.2										93
Wet Bulb	982203		26171		35.5		8.475		737				30.2										93
Dew Point	912871		25147		34.1		8.632		737				38.5										93

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
MAY 1964
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
54/ 53	.1	.5	.3															7	7	1	1	
52/ 51	.1	.8	.7															12	13	8	1	
50/ 49	.5	2.8	1.5															36	36	18	20	
48/ 47	.3	2.6	1.8	.1														35	35	24	14	
46/ 45	1.4	5.0	.7	.1														53	53	43	32	
44/ 43	1.2	5.6	.8	.8														62	62	61	39	
42/ 41	1.9	7.3	1.9	.1														83	83	64	71	
40/ 39	2.3	6.0	1.5	.1														73	74	86	75	
38/ 37	1.5	2.8	.8	.1														39	39	65	60	
36/ 35	2.2	6.0	.5															64	64	60	48	
34/ 33	3.1	2.6	.4															45	45	70	58	
32/ 31	8.3	3.7	.3															90	90	75	127	
30/ 29	2.3	1.2																26	27	42	39	
28/ 27	2.6	.9																26	26	29	25	
26/ 25	2.0	.5																19	19	22	32	
24/ 23	1.9	.5			.1													19	20	16	31	
22/ 21	1.9	.3																16	16	19	14	
20/ 19	.8	.8																12	12	11	17	
18/ 17	.9	.3																9	9	11	8	
16/ 15	.4																	3	4	4	8	
14/ 13	.9																	7	7	7	13	
12/ 11																					2	
8/ 7	.1																	1	1	1	1	
6/ 5																					1	
TOTAL	36.9	50.3	11.1	1.5	.1														737	742		737
																		737		737		
Element (X)	Σ x'		Σ x		X̄		s _x ²		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	6042824		66352		90.0		9.694		737		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	1064575		27399		36.9		8.445		742			29.0					93					
Wet Bulb	992864		26412		35.8		7.934		737								93					
Dew Point	912539		25183		34.2		8.409		737			40.1					93					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265 SOESTERBERG NL 67-76 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
58/ 57			.3															2	2			
56/ 55			.1															1	1			
54/ 53	.1		.8	.1														8	8	3	1	
52/ 51	.1	.6	.9	.3														15	15	4	1	
50/ 49	.1	1.9	1.9	.4														34	34	18	10	
48/ 47	.4	2.6	3.7	.3	.3													56	56	25	14	
46/ 45	1.0	5.2	1.8	.8	.1													69	70	63	27	
44/ 43	1.7	5.8	2.3	1.8	.1													91	91	92	52	
42/ 41	2.6	7.7	3.9	1.3	.1													121	121	88	118	
40/ 39	1.0	3.0	1.5	.3														45	46	72	67	
38/ 37	.6	3.7	.8	.3	.3													44	44	69	57	
36/ 35	1.4	5.2	.9	.3														60	60	60	53	
34/ 33	3.4	2.2	1.0	.3														53	53	75	72	
32/ 31	4.0	3.1	.9	.5	.1													67	67	66	90	
30/ 29	1.0	1.9	.4	.1														27	27	40	50	
28/ 27	1.5	1.5																24	24	29	35	
26/ 25	1.5	1.5																24	24	31	23	
24/ 23	1.4	1.2																20	20	20	50	
22/ 21	.6	.1																6	6	11	18	
20/ 19	.5	.3																6	6	6	13	
18/ 17	.1																	1	1	2	9	
16/ 15																					7	
14/ 13	.1																	1	1	1	6	
10/ 9																					2	
TOTAL	23.5	47.6	21.3	6.6	1.0													775	777	775	775	
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	5733945		65981		85.1	12.270	775		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93							
Dry Bulb	1218898		30204		38.9	7.597	777			21.1					93							
Wet Bulb	1105093		28741		37.1	7.119	775			24.7					93							
Dew Point	971236		26758		34.5	7.824	775			36.4					93							

PSYCHROMETRIC SUMMARY

DEC

MONTH

1500-1700

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-76

DEC

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NEC
MONTH

2100-2300

200 250
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

06265
STATION

SOESTERBERG NL
STATION NAME

67-70
YEARS

DEC
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 3'	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
58/ 57			.0															2	2				
56/ 55			.0															3	3				
54/ 53	.1	.2	.3	.0														37	37	9	4		
52/ 51	.1	1.2	.5	.0														112	113	45	11		
50/ 49	.3	2.8	1.5	.1	.0													290	290	176	133		
48/ 47	.5	2.7	1.4	.1	.0													314	315	190	148		
46/ 45	.8	4.9	.3	.0														414	416	359	199		
44/ 43	1.2	5.5	1.0	.7	.0													514	516	538	343		
42/ 41	2.4	8.3	2.5	.4	.0													835	836	549	694		
40/ 39	1.6	4.6	1.6	.3														492	497	656	522		
38/ 37	1.4	3.7	.9	.1	.0													375	375	543	491		
36/ 35	2.0	4.9	.8	.1														467	468	480	457		
34/ 33	3.6	2.9	.4	.1														423	423	609	508		
32/ 31	5.9	3.7	.4	.1	.0													616	622	576	831		
30/ 29	2.6	1.8	.1	.0														279	286	368	392		
28/ 27	2.5	1.0	.0															215	216	239	302		
26/ 25	1.9	.8	.0															163	165	184	230		
24/ 23	2.0	.8	.0		.0													174	176	163	286		
22/ 21	1.4	.2	.0															97	98	127	126		
20/ 19	.8	.3																66	66	67	104		
18/ 17	1.2	.1																80	81	88	91		
16/ 15	.5	.0																31	33	33	75		
14/ 13	.7	.0																44	45	43	68		
12/ 11	.2																	15	15	16	32		
10/ 9	.2																	10	10	10	12		
8/ 7	.2																	11	11	11	14		
6/ 5	.0																	1	1	1	7		
TOTAL	34.1	50.4	12.8	2.5	.2													6080	6116	6080	6080		
Element (X)	Σ X ²		Σ X		X	Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	49077071		542813		89.3	10.063		6080		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	8833334		226548		37.0	8.498		6116			222.0					744							
Wet Bulb	8198547		217917		35.8	7.990		6080				235.7				744							
Dew Point	7469855		207095		34.1	8.271		6080			314.5					744							

PSYCHROMETRIC SUMMARY

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point										
96/ 95															.0	.0			1	1										
94/ 93															.0				3	3										
92/ 91												.0	.0	.0					20	20										
90/ 89									.0	.0	.0	.0	.0						33	34										
88/ 87								.0	.0	.0	.0	.0	.0						58	58										
86/ 85							.0	.0	.0	.1	.0	.0	.0						148	150										
84/ 83				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						137	138										
82/ 81				.0	.0	.0	.0	.1	.0	.1	.0	.0	.0						168	168										
80/ 79			.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0						206	207										
78/ 77			.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	.0						490	490	1									
76/ 75			.0	.0	.0	.1	.2	.1	.1	.1	.0								492	494	3	1								
74/ 73		.0	.0	.0	.1	.2	.2	.2	.1	.0	.0								583	584	37	2								
72/ 71		.0	.1	.0	.3	.2	.2	.2	.1	.0	.0								846	849	85	13								
70/ 69	.0	.0	.1	.2	.3	.3	.2	.2	.1	.0									1054	1055	188	32								
68/ 67	.0	.2	.4	.6	.4	.7	.4	.7	.1	.0	.0								2230	2234	490	145								
66/ 65	.1	.3	.5	.4	.4	.4	.3	.1	.1	.0									1914	1918	858	250								
64/ 63	.1	.7	.6	.5	.5	.5	.2	.1	.0	.0									2433	2439	1714	571								
62/ 61	.2	1.1	.6	.7	.5	.3	.2	.1	.0										2831	2843	2490	1116								
60/ 59	.3	2.1	1.1	.9	.6	.4	.1	.1	.0										4382	4390	3100	2545								
58/ 57	.7	2.0	.8	.5	.5	.2	.1	.0	.0										3606	3614	4400	2884								
56/ 55	.6	1.9	.7	.6	.4	.2	.1	.0											3349	3360	4511	3308								
54/ 53	.8	2.3	.9	.5	.3	.1	.0												3761	3772	4550	3054								
52/ 51	.6	2.2	1.0	.4	.3	.1	.0												3427	3439	3981	3722								
50/ 49	1.1	3.3	1.7	.6	.4	.1	.0	.0											5389	5407	5234	6051								
48/ 47	.8	2.4	1.2	.4	.3	.1	.0												3832	3841	4354	4143								
46/ 45	.8	3.5	.7	.5	.2	.1	.0												4258	4270	4534	4377								
44/ 43	.8	3.5	.7	.5	.2	.0													4230	4243	4945	4447								
42/ 41	1.4	4.9	1.4	.4	.1	.0	.0												6153	6167	4968	7094								
40/ 39	1.1	2.8	.8	.2	.																									

PSYCHROMETRIC SUMMARY

67-77

YEARS

ALL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE FORM

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

06265 SOESTERBERG NL

67-77

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	36.7	34.9	36.5	40.3	48.6	53.5	57.1	57.5	52.1	46.8	41.6	36.0	45.3	
	S D	8.410	6.864	6.878	6.781	6.081	6.232	5.874	5.580	6.302	7.032	7.162	8.998	10.683	
	TOTAL OBS	811	744	833	789	864	764	865	855	824	837	799	779	9724	
03-05	MEAN	36.8	35.0	35.6	39.3	47.2	52.1	56.0	56.0	51.2	45.7	41.6	36.4	44.5	
	S D	8.158	6.915	7.099	6.819	6.050	6.124	5.688	5.533	6.672	7.344	7.163	8.956	10.325	
	TOTAL OBS	764	724	807	777	816	729	763	815	780	784	777	745	9281	
06-08	MEAN	36.2	33.8	34.7	40.6	49.8	55.9	59.0	57.6	51.5	45.6	41.1	35.6	45.3	
	S D	8.248	7.244	7.326	6.363	5.569	5.748	5.336	5.346	6.323	7.363	7.262	8.968	11.271	
	TOTAL OBS	786	739	813	787	852	767	811	841	818	824	788	798	9624	
09-11	MEAN	37.5	37.0	40.6	47.2	56.6	63.0	65.4	65.6	59.1	50.5	43.0	36.9	50.4	
	S D	7.970	6.278	7.232	6.458	6.678	7.564	6.682	5.848	5.060	6.594	6.694	8.445	12.824	
	TOTAL OBS	749	702	773	757	794	725	746	796	758	756	734	747	9032	
12-14	MEAN	39.8	40.5	44.9	50.8	59.9	65.8	68.1	69.4	63.0	55.6	45.9	38.9	53.8	
	S D	7.109	6.253	7.954	7.602	7.809	8.319	7.888	7.016	5.686	6.566	5.976	7.597	13.160	
	TOTAL OBS	771	740	800	782	832	745	821	829	801	823	782	777	9503	
15-17	MEAN	40.1	41.8	46.3	51.8	61.1	66.7	69.3	70.3	63.5	55.4	45.9	39.0	54.4	
	S D	7.150	6.114	7.762	7.826	7.774	8.811	8.263	7.126	6.042	6.698	6.022	7.540	13.338	
	TOTAL OBS	752	707	768	744	783	701	750	793	760	774	727	745	9004	
18-20	MEAN	38.0	38.1	42.0	48.2	57.9	63.3	66.2	66.2	58.6	50.8	43.1	36.8	50.9	
	S D	7.621	6.022	7.108	7.379	7.167	7.815	7.363	6.573	5.995	6.438	6.507	8.150	12.905	
	TOTAL OBS	615	751	795	809	830	747	813	852	802	827	786	773	9600	
21-23	MEAN	37.6	36.6	38.9	43.3	52.1	57.5	60.7	60.5	54.1	48.2	42.5	36.9	47.4	
	S D	8.144	6.247	6.582	6.762	5.906	6.821	6.041	5.662	6.029	6.733	6.880	8.546	11.168	
	TOTAL OBS	774	722	807	780	789	719	754	806	777	780	738	757	9203	
ALL HOURS	MEAN	37.8	37.2	39.9	45.1	54.1	59.6	62.7	62.8	56.6	49.8	43.1	37.0	48.9	
	S D	7.979	7.014	8.282	8.399	8.356	8.969	8.268	8.110	7.674	7.809	6.945	8.498	12.550	
	TOTAL OBS	6222	5829	6396	6225	6560	5897	6283	6587	6320	6405	6131	6116	74971	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

06265 SUESTERBERG NL

57-77

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	35.6	33.9	35.2	39.0	46.8	51.8	55.5	55.6	50.8	45.8	40.4	35.0	44.0	
	S D	7.872	6.520	6.476	6.325	5.556	5.652	5.367	4.890	6.114	6.978	6.857	8.558	10.239	
	TOTAL OBS	807	741	831	785	859	760	823	854	822	837	797	776	9692	
03-05	MEAN	35.6	34.0	34.6	38.3	45.9	50.8	54.8	54.6	50.1	44.8	40.4	35.5	43.4	
	S D	7.671	6.632	6.797	6.406	5.684	5.785	5.384	5.163	6.427	7.182	6.871	8.475	10.015	
	TOTAL OBS	762	724	806	775	812	726	762	813	779	783	776	737	9255	
06-08	MEAN	35.2	33.0	33.9	39.4	47.8	53.4	57.0	56.0	50.4	44.7	39.9	34.7	43.9	
	S D	7.836	6.962	7.047	5.983	4.900	4.858	4.662	4.771	6.121	7.285	6.896	8.511	10.702	
	TOTAL OBS	784	737	812	785	850	765	810	840	818	820	787	795	9603	
09-11	MEAN	36.4	35.6	38.2	43.1	51.0	56.1	59.5	59.7	55.0	48.4	41.5	35.8	46.8	
	S D	7.577	6.019	6.376	5.158	4.796	5.273	4.665	3.995	4.415	6.285	6.271	7.934	10.717	
	TOTAL OBS	744	700	772	755	793	722	744	795	756	754	731	737	9003	
12-14	MEAN	38.1	37.7	39.9	44.5	51.9	56.8	59.7	60.2	55.9	50.9	43.2	37.1	48.2	
	S D	6.795	5.630	6.248	5.568	5.221	5.360	4.945	4.200	4.796	5.897	5.669	7.119	10.226	
	TOTAL OBS	769	737	800	781	831	744	821	826	800	818	779	775	9481	
15-17	MEAN	38.2	38.4	40.7	44.9	52.4	57.1	60.2	60.5	56.1	50.5	43.3	37.3	48.4	
	S D	6.812	5.366	6.064	5.622	5.140	5.622	5.075	4.197	4.900	5.917	5.755	7.092	10.216	
	TOTAL OBS	750	707	766	742	779	700	748	786	759	769	721	739	8966	
18-20	MEAN	36.6	36.2	38.5	43.2	51.1	55.9	59.0	59.5	54.6	48.6	41.6	35.6	46.8	
	S D	7.286	5.678	6.111	5.769	5.037	5.542	5.172	4.416	5.273	6.336	6.247	7.679	10.597	
	TOTAL OBS	813	750	791	803	829	747	813	849	801	825	784	769	9574	
21-23	MEAN	36.3	35.4	37.0	41.1	48.9	54.0	57.5	57.6	52.3	46.9	41.2	35.9	45.4	
	S D	7.688	5.934	6.139	6.109	5.009	5.720	5.266	4.692	5.702	6.659	6.583	8.033	10.288	
	TOTAL OBS	773	720	807	780	785	719	750	806	775	779	737	752	9183	
ALL HOURS	MEAN	36.5	35.5	37.2	41.7	49.5	54.5	57.9	57.9	53.1	47.6	41.4	35.8	45.8	
	S D	7.524	6.368	6.828	6.351	5.660	5.905	5.411	5.048	6.008	6.963	6.520	7.990	10.541	
	TOTAL OBS	6202	5816	6385	6206	6538	5883	6271	6569	6310	6385	6112	6080	74757	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

06265 SUESTERBERG NL

c7-77

STATION		STATION NAME												YEARS											
HRS II ST I		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	34.1	32.3	33.4	37.5	45.2	50.3	54.3	54.2	49.7	44.9	39.0	33.5	42.5											
	S D	8.290	7.051	7.151	6.426	5.865	5.674	5.413	5.158	6.317	7.246	7.162	8.667	10.509											
	TOTAL OBS	807	741	831	785	859	760	823	854	822	837	797	776	9692											
03-05	MEAN	34.1	32.6	33.1	37.1	44.7	49.8	53.8	53.5	49.1	43.9	39.1	34.1	42.2											
	S D	7.999	7.068	7.382	6.447	5.804	5.772	5.389	5.328	6.422	7.299	7.172	8.632	10.286											
	TOTAL OBS	762	724	806	775	812	726	762	813	779	783	776	737	9255											
06-08	MEAN	33.7	31.6	32.5	37.9	45.9	51.4	55.4	54.7	49.6	43.9	38.6	33.3	42.5											
	S D	8.257	7.329	7.518	6.232	5.334	5.118	4.945	4.972	6.152	7.450	7.122	8.604	10.826											
	TOTAL OBS	784	737	812	785	850	765	810	840	818	820	787	795	9603											
09-11	MEAN	34.7	33.7	34.9	38.2	45.8	50.6	55.2	55.4	51.6	46.4	39.8	34.2	43.5											
	S D	8.120	6.768	7.396	6.777	6.107	6.206	5.562	5.249	5.693	6.983	6.541	8.409	10.504											
	TOTAL OBS	744	700	772	755	793	722	744	795	756	754	731	737	9003											
12-14	MEAN	35.6	33.7	33.4	37.2	44.5	49.7	53.7	53.6	50.0	46.2	40.2	34.5	42.8											
	S D	7.800	6.971	7.877	7.418	6.569	6.499	5.989	5.696	6.627	7.527	6.817	7.824	10.260											
	TOTAL OBS	709	737	800	781	831	744	821	826	800	818	779	775	9481											
15-17	MEAN	35.5	33.8	33.2	36.9	44.6	49.7	53.7	53.6	50.0	45.7	40.2	34.7	42.7											
	S D	7.943	6.863	7.997	7.459	6.668	6.620	6.036	6.040	6.745	7.476	6.794	7.724	10.316											
	TOTAL OBS	750	707	766	742	779	700	748	786	759	769	721	739	8966											
18-20	MEAN	34.5	33.5	33.6	37.3	44.8	49.9	53.7	54.5	51.2	46.5	39.8	33.9	42.9											
	S D	8.005	6.637	7.657	7.214	6.666	6.902	6.230	5.976	6.326	7.110	6.728	7.944	10.563											
	TOTAL OBS	813	750	791	803	829	747	813	849	801	825	784	769	9574											
21-23	MEAN	34.5	33.4	34.4	38.4	45.9	51.1	55.1	55.3	50.8	45.6	39.6	34.3	43.2											
	S D	8.247	6.632	7.146	6.568	5.961	6.217	5.716	5.234	5.938	6.985	6.874	8.190	10.497											
	TOTAL OBS	773	720	807	780	785	719	750	806	775	779	737	752	9183											
ALL HOURS	MEAN	34.6	33.1	33.6	37.6	45.2	50.3	54.3	54.3	50.2	45.4	39.5	34.1	42.8											
	S D	8.105	6.956	7.544	6.845	6.156	6.171	5.724	5.509	6.334	7.328	6.929	8.271	10.480											
	TOTAL OBS	6202	5816	6385	6206	6538	5883	6271	6569	6310	6385	6112	6080	74757											

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265
STATION

SOESTERBERG NL
STATION NAME

68-77
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MCNTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.6	97.9	94.7	86.1	67.8	90.5	807
	03-05	100.0	100.0	100.0	100.0	99.7	98.0	93.7	86.6	69.7	90.6	762
	06-08	100.0	100.0	100.0	100.0	100.0	98.2	94.0	88.6	69.0	90.9	784
	09-11	100.0	100.0	100.0	99.9	99.7	97.7	93.0	85.3	63.0	89.8	744
	12-14	100.0	100.0	100.0	99.9	99.6	96.4	87.0	68.7	47.5	85.5	769
	15-17	100.0	100.0	99.9	99.6	99.1	93.6	84.3	65.2	42.1	84.1	750
	18-20	100.0	100.0	100.0	99.9	99.6	97.9	92.5	79.3	52.9	87.8	813
	21-23	100.0	100.0	100.0	100.0	99.7	97.7	93.5	83.2	62.9	89.3	773
TOTALS		100.0	100.0	100.0	99.9	99.6	97.2	91.8	80.4	59.4	88.6	6202

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	98.7	96.6	88.4	67.9	90.7	741
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	96.3	88.5	70.9	91.1	724
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.2	90.5	75.6	91.9	737
	09-11	100.0	100.0	100.0	100.0	99.7	96.7	90.1	79.9	59.7	88.3	700
	12-14	100.0	100.0	100.0	99.1	94.3	84.3	65.3	49.8	28.9	78.2	737
	15-17	100.0	100.0	99.9	97.5	92.5	78.8	58.0	39.7	22.5	74.7	707
	18-20	100.0	100.0	100.0	99.9	98.4	94.7	83.6	67.3	36.1	83.9	750
	21-23	100.0	100.0	100.0	100.0	99.2	97.5	92.5	84.3	57.5	88.6	720
TOTALS		100.0	100.0	100.0	99.6	98.0	93.8	85.0	73.6	52.4	85.9	5816

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265
STATION

SOESTERBERG HL
STATION NAME

68-77
PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.6	99.2	97.4	92.5	82.7	62.2	89.0	831
	03-05	100.0	100.0	100.0	99.9	99.3	98.8	94.5	87.1	70.5	90.8	806
	06-08	100.0	100.0	100.0	100.0	99.3	99.3	96.2	91.7	74.4	92.1	812
	09-11	100.0	100.0	100.0	98.7	95.5	87.8	75.5	60.2	40.2	81.3	772
	12-14	100.0	100.0	98.1	92.4	78.3	57.6	40.8	26.8	15.9	66.9	800
	15-17	100.0	99.9	97.9	88.6	70.9	50.8	33.9	19.8	10.4	62.9	766
	18-20	100.0	100.0	99.5	96.3	90.8	77.0	59.5	40.5	21.4	73.9	791
	21-23	100.0	100.0	100.0	99.8	97.6	93.3	84.8	70.6	45.8	84.6	807
TOTALS		100.0	100.0	99.4	96.9	91.4	82.8	72.2	59.9	42.6	80.2	6385

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265
STATION

SQESTERBERG NL

STATION NAME

68-77

PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.9	99.0	96.1	84.7	61.0	89.9	785
	03-05	100.0	100.0	100.0	100.0	99.9	99.5	97.9	90.7	73.3	92.1	775
	06-08	100.0	100.0	100.0	100.0	99.6	98.3	94.3	86.8	67.3	90.6	785
	09-11	100.0	100.0	99.7	96.8	84.9	71.9	57.2	39.6	22.6	73.0	755
	12-14	100.0	100.0	99.0	86.6	68.5	49.0	34.3	20.7	12.7	62.5	781
	15-17	100.0	100.0	97.6	83.7	61.7	43.5	27.9	17.5	10.9	59.8	742
	18-20	100.0	100.0	99.3	92.8	80.7	63.8	47.1	27.4	15.6	68.2	803
	21-23	100.0	100.0	100.0	99.7	98.1	94.4	85.3	65.6	37.3	83.7	780
TOTALS		100.0	100.0	99.5	95.0	86.7	77.4	67.5	54.1	37.6	77.5	6206

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.2	97.1	92.0	79.7	59.8	88.5	859
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	96.4	86.9	70.1	91.1	812
	06-08	100.0	100.0	100.0	100.0	99.4	95.8	89.1	75.2	54.2	87.3	850
	09-11	100.0	100.0	99.6	94.8	83.5	67.5	49.8	27.4	15.8	69.3	793
	12-14	100.0	100.0	98.7	84.4	65.6	41.6	26.7	14.2	7.9	59.3	831
	15-17	100.0	100.0	96.1	80.9	60.7	37.4	23.1	12.1	5.9	57.3	779
	18-20	100.0	100.0	99.0	88.2	76.1	55.0	38.0	20.4	11.8	64.4	829
	21-23	100.0	100.0	100.0	99.4	95.4	88.7	77.7	58.1	33.9	80.8	785
TOTALS		100.0	100.0	99.2	93.5	85.0	72.8	61.6	46.8	32.4	74.8	6538

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

RELATIVE HUMIDITY

06265

SUESTERBERG NL

68-77

JUN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.7	98.4	95.0	82.8	62.0	89.4	760
	03-05	100.0	100.0	100.0	100.0	99.9	99.6	99.0	89.4	72.6	92.0	725
	06-08	100.0	100.0	100.0	100.0	98.8	95.9	88.9	70.1	47.5	85.8	765
	09-11	100.0	100.0	99.9	95.3	81.6	58.7	39.5	20.8	11.4	66.2	722
	12-14	100.0	100.0	98.4	85.2	62.6	36.4	22.8	14.7	10.1	58.6	744
	15-17	100.0	100.0	98.0	82.3	58.6	34.6	22.4	12.9	6.1	57.0	700
	18-20	100.0	100.0	99.3	91.2	75.1	53.0	37.6	21.8	11.1	64.3	747
	21-23	100.0	100.0	100.0	99.6	97.1	89.4	80.1	56.6	27.8	80.5	719
TOTALS		100.0	100.0	99.5	94.2	84.2	70.8	60.7	46.1	31.1	74.2	5883

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265
STATION

SUESTERBERG NL
STATION NAME

68-77
PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.8	99.5	99.1	96.8	87.0	64.9	90.3	823
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	98.4	93.6	77.4	92.4	762
	06-08	100.0	100.0	100.0	99.9	99.4	97.0	92.7	79.9	59.9	88.6	610
	09-11	100.0	100.0	99.7	97.8	91.3	73.4	51.3	30.8	15.7	71.5	744
	12-14	100.0	100.0	98.5	91.1	72.2	49.9	30.6	16.8	9.1	62.3	821
	15-17	100.0	100.0	98.0	88.9	65.5	42.8	25.1	15.2	8.0	59.9	748
	18-20	100.0	100.0	99.3	95.6	83.4	59.4	38.3	20.2	10.2	66.0	813
	21-23	100.0	100.0	100.0	99.6	99.1	95.6	84.7	60.1	28.1	82.2	750
TOTALS		100.0	100.0	99.4	96.6	88.8	77.1	64.7	50.5	34.2	76.7	6271

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265

SUESTERBERG NL

68-77

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.1	95.6	92.9	84.4	67.1	89.4	854
	03-05	100.0	100.0	100.0	100.0	99.9	98.6	95.0	89.7	77.2	91.8	813
	06-08	100.0	100.0	100.0	100.0	99.5	98.1	93.6	84.3	69.2	90.4	840
	09-11	100.0	100.0	99.9	98.1	88.7	71.6	51.1	30.4	18.1	71.3	795
	12-14	100.0	100.0	99.2	86.3	65.6	41.0	25.5	13.9	7.9	59.5	326
	15-17	100.0	100.0	98.0	82.7	60.9	37.4	23.3	14.2	8.9	58.2	786
	18-20	100.0	100.0	99.2	92.2	83.0	67.4	45.0	25.3	14.0	68.2	849
	21-23	100.0	100.0	100.0	99.6	96.7	92.8	87.2	69.6	37.1	83.9	806
TOTALS		100.0	100.0	99.5	94.9	86.7	75.3	64.2	51.5	37.4	76.6	6569

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265
STATION

SOESTERBERG NL

STATION NAME

66-77

PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.4	99.0	96.7	92.0	75.3	91.7	822
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	98.7	94.6	79.8	92.6	779
	06-08	100.0	100.0	100.0	100.0	99.9	99.8	98.8	94.3	81.7	93.1	818
	09-11	100.0	100.0	100.0	99.1	96.4	84.7	68.8	45.4	26.1	77.6	756
	12-14	100.0	100.0	99.9	96.0	82.0	52.0	32.9	17.3	9.3	64.1	800
	15-17	100.0	100.0	99.5	95.4	77.5	50.2	31.8	17.4	8.3	63.4	759
	18-20	100.0	100.0	99.9	98.8	95.9	86.1	71.5	46.6	22.7	77.5	801
	21-23	100.0	100.0	100.0	100.0	99.5	98.5	95.6	83.4	56.0	88.6	775
TOTALS		100.0	100.0	99.9	98.7	93.8	83.7	74.4	61.4	44.9	81.1	6310

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265 SUESTERBERG NL

68-77

OCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.6	98.8	92.4	80.8	92.8	837
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	99.0	95.3	82.0	93.3	783
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	99.0	95.5	85.5	93.6	820
	09-11	100.0	100.0	100.0	100.0	98.4	95.9	88.5	70.3	51.9	86.3	754
	12-14	100.0	100.0	99.8	98.0	90.8	75.1	56.6	32.4	16.6	72.4	818
	15-17	100.0	100.0	99.9	96.4	91.4	76.3	56.4	28.3	13.4	71.6	769
	18-20	100.0	100.0	100.0	99.8	99.2	97.0	90.8	72.2	43.6	85.7	825
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	97.3	87.7	70.0	90.7	779
TOTALS		100.0	100.0	100.0	99.3	97.5	92.9	85.8	71.8	55.5	85.8	6385

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265
STATION

SUESTERBERG IL
STATION NAME

68-77

PERIOD

NDV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NDV	00-02	100.0	100.0	100.0	100.0	100.0	99.4	95.0	87.1	68.1	90.5	797
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	95.4	87.2	71.0	90.9	776
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	95.6	87.8	69.3	90.7	787
	09-11	100.0	100.0	100.0	100.0	99.7	98.4	93.4	82.4	60.6	89.0	731
	12-14	100.0	100.0	100.0	100.0	97.9	91.1	77.2	56.4	35.4	81.6	779
	15-17	100.0	100.0	100.0	100.0	98.9	92.0	79.5	55.9	32.6	81.4	721
	18-20	100.0	100.0	100.0	100.0	100.0	98.5	93.0	80.7	54.5	88.1	784
	21-23	100.0	100.0	100.0	100.0	99.7	98.9	95.3	86.6	63.4	89.7	737
TOTALS		100.0	100.0	100.0	100.0	99.5	97.1	90.6	78.0	56.9	87.7	6112

USAFET/C

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265
STATION

SUESTERBERG NL

STATION NAME

67-76

PERIOD

DEC

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	99.9	99.2	96.9	87.1	68.0	91.1	776
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	96.1	89.1	70.4	91.3	737
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	96.6	90.2	69.6	91.6	795
	09-11	100.0	99.9	99.9	99.9	99.9	99.5	93.9	85.3	62.6	90.0	737
	12-14	100.0	100.0	100.0	99.7	99.0	95.6	87.0	68.8	44.8	85.1	775
	15-17	100.0	100.0	100.0	100.0	99.3	96.3	87.8	68.7	42.5	85.2	739
	18-20	100.0	100.0	100.0	100.0	100.0	98.4	94.7	83.5	61.9	89.5	769
	21-23	100.0	100.0	100.0	100.0	99.7	98.8	96.1	86.7	64.8	90.2	752
TOTALS		100.0	100.0	100.0	100.0	99.7	98.4	93.6	82.4	60.6	89.3	6080

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

06265
STATION

SUEST, RBERG NL

STATION NAME

67-77

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.9	99.6	97.2	91.8	80.4	59.4	88.6	6202
FEB		100.0	100.0	100.0	99.6	98.0	93.8	85.0	73.6	52.4	85.9	5816
MAR		100.0	100.0	99.4	96.9	91.4	82.8	72.2	59.9	42.6	80.2	6385
APR		100.0	100.0	99.5	95.0	86.7	77.4	67.5	54.1	37.6	77.5	6206
MAY		100.0	100.0	99.2	93.5	85.0	72.8	61.6	46.8	32.4	74.8	6538
JUN		100.0	100.0	99.5	94.2	84.2	70.8	60.7	46.1	31.1	74.2	5883
JUL		100.0	100.0	99.4	96.6	88.8	77.1	64.7	50.5	34.2	76.7	6271
AUG		100.0	100.0	99.5	94.9	86.7	75.3	64.2	51.5	37.4	76.6	6569
SEP		100.0	100.0	99.9	98.7	93.8	83.7	74.4	61.4	44.9	81.1	6310
OCT		100.0	100.0	100.0	99.3	97.5	92.9	85.0	71.8	55.5	85.8	6385
NOV		100.0	100.0	100.0	100.0	99.5	97.1	90.6	78.0	56.9	87.7	6112
DEC		100.0	100.0	100.0	100.0	99.7	98.4	93.6	82.4	60.6	89.3	6080
TOTALS		100.0	100.0	99.7	97.4	92.6	84.9	76.0	63.0	45.4	81.5	74757

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

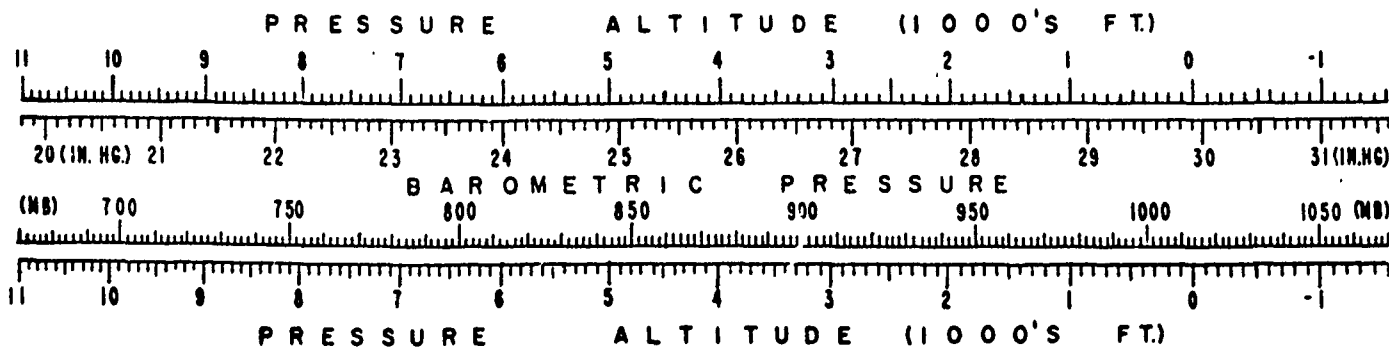
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury. DATA NOT AVAILABLE
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

06265 SOESTERBERG NL

STATION		STATION NAME							YEARS					
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN													
	S D													
	TOTAL OBS													
03-05	MEAN													
	S D													
	TOTAL OBS													
06-08	MEAN													
	S D													
	TOTAL OBS													
09-11	MEAN													
	S D													
	TOTAL OBS													
DATA NOT AVAILABLE														
12-14	MEAN													
	S D													
	TOTAL OBS													
15-17	MEAN													
	S D													
	TOTAL OBS													
18-20	MEAN													
	S D													
	TOTAL OBS													
21-23	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN													
	S D													
	TOTAL OBS													

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SFA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

00265 SUESTERBERG NL

07-77

STATION

STATION NAME

YEARS

HRS ILSTI	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 1013.3	1013.7	1015.8	1014.9	1014.7	1016.5	1016.5	1016.0	1016.1	1016.9	1012.5	1016.5	1015.3
	S D 12.350	13.119	10.009	8.653	7.215	6.403	6.385	6.225	8.671	9.693	11.165	12.524	9.694
	TOTAL OBS 714	665	735	684	773	753	730	756	731	741	719	699	8700
03-05	MEAN 1013.1	1013.5	1015.4	1014.6	1014.5	1016.2	1015.8	1015.8	1015.7	1016.5	1011.9	1017.0	1015.0
	S D 12.208	13.414	10.129	8.585	7.334	6.556	6.470	6.305	8.891	9.886	11.466	12.442	9.799
	TOTAL OBS 660	618	706	673	722	724	673	706	679	691	690	653	8195
06-08	MEAN 1013.3	1013.4	1015.5	1014.6	1014.7	1016.3	1016.1	1015.8	1015.9	1016.8	1011.6	1016.6	1015.1
	S D 11.911	13.259	10.287	8.843	7.218	6.661	6.662	6.402	8.747	9.919	11.306	12.147	9.762
	TOTAL OBS 696	652	716	686	761	763	713	749	724	733	708	723	8624
09-11	MEAN 1013.8	1014.3	1016.1	1015.0	1015.2	1016.5	1016.2	1016.2	1016.5	1017.3	1012.4	1017.1	1015.6
	S D 12.101	13.311	10.228	8.840	7.343	6.654	6.560	6.396	8.998	10.107	11.573	12.167	9.827
	TOTAL OBS 645	604	676	650	705	709	642	696	656	663	656	655	7957
12-14	MEAN 1013.7	1014.2	1015.7	1014.9	1014.9	1016.2	1016.4	1015.9	1016.4	1017.1	1012.0	1017.1	1015.4
	S D 12.019	13.318	10.161	8.742	7.257	6.408	6.600	6.396	8.757	9.759	11.530	12.024	9.737
	TOTAL OBS 684	648	693	674	739	741	714	733	701	728	706	698	8459
15-17	MEAN 1013.5	1014.3	1015.2	1014.4	1014.5	1016.2	1016.0	1015.7	1015.6	1016.4	1012.1	1016.6	1015.1
	S D 12.033	13.292	10.035	8.571	7.122	6.335	6.221	5.983	8.925	9.822	11.367	11.844	9.618
	TOTAL OBS 652	602	674	636	678	687	655	688	656	668	638	655	7889
18-20	MEAN 1013.3	1014.0	1015.4	1014.4	1014.3	1016.0	1016.0	1015.6	1015.8	1016.9	1012.1	1016.7	1015.1
	S D 12.000	13.117	9.681	8.648	6.933	6.226	6.198	5.946	8.838	9.555	11.646	12.052	9.587
	TOTAL OBS 733	654	693	702	746	746	724	744	705	737	699	707	8590
21-23	MEAN 1013.5	1014.8	1015.6	1015.0	1015.0	1016.5	1016.3	1016.3	1016.1	1016.8	1012.6	1017.5	1015.5
	S D 12.108	13.338	9.798	8.785	6.974	6.410	6.091	6.080	8.974	9.887	11.503	12.108	9.677
	TOTAL OBS 668	614	696	673	694	712	659	705	685	684	652	675	8117
ALL HOURS	MEAN 1013.4	1014.0	1015.6	1014.7	1014.7	1016.3	1016.1	1015.9	1016.0	1016.8	1012.1	1016.9	1015.2
	S D 12.086	13.266	10.040	8.707	7.177	6.457	6.403	6.220	8.846	9.822	11.441	12.161	9.714
	TOTAL OBS 5452	5057	5509	5378	5818	5835	5510	5777	5537	5645	5468	5465	66531